

Model W

No. 43

GENERAL CATALOGUE

of

School Furniture

and

School Supplies

Printed June, 1927



E. N. MOYER COMPANY LIMITED

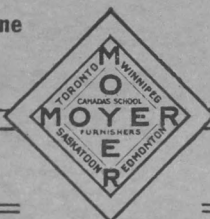
Canada's Complete School Furnishers

110-120 Princess Street

WINNIPEG

L.D. Phone

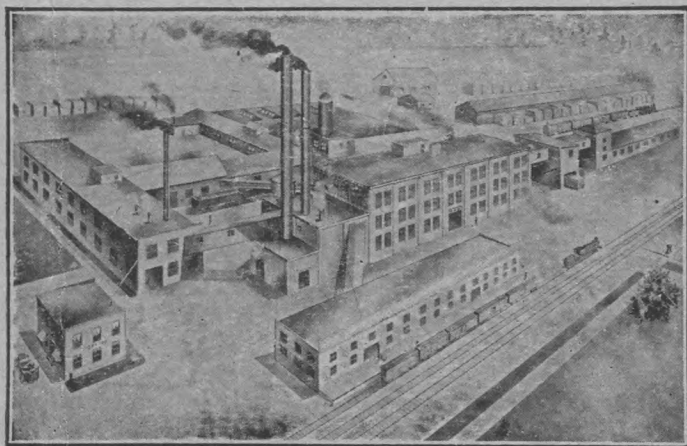
86-095



PRICES SUBJECT

TO CHANGE

Greatest School Supply Distributors in Canada



In this large Modern factory, Moyer school furniture is manufactured.

By making their own School Furniture and selling direct to the Schools of Canada through Moyer Branches, handling costs are eliminated and a quick and sure service made possible.

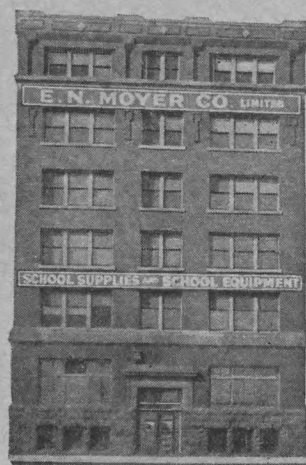
In other words, Moyer method brings to you the world's finest school equipment at a moderate cost. Complete stocks carried at all warehouses—24 hour service.

FACTORY AND DISTRIBUTING OFFICES AND WAREHOUSES



EDMONTON, ALTA., L.D. Phone 4828

24 HOUR
SERVICE



SASKATOON, SASK., L.D. Phone 3363



TORONTO, ONT., L.D. Phone Elgin 2545



WINNIPEG, MAN., L.D. Phone 86 095

Complete Stock of all School Equipment except Science Apparatus listed in this Catalogue is Carried at All Our Warehouses.

E. N. Moyer Company, Limited

CANADA'S COMPLETE SCHOOL FURNISHERS SINCE 1884

Catering to the Schools in Canada from Coast to Coast

Cowansville, Que. Toronto, Ont. Winnipeg, Man. Regina, Sask. Saskatoon, Sask. Edmonton, Alta.

90-

The House of Service

OUR
FORTY-THIRD
ANNIVERSARY
1884 :- 1927



WE SELL FROM COAST TO COAST



1927

Catalog & Price List

E. N. MOYER COMPANY LIMITED

"Canada's School Furnishers"
Since 1884

110-120 PRINCESS ST., WINNIPEG, MAN.

TORONTO

SASKATOON
403—1st Ave. No.

REGINA
Banner Block

EDMONTON
10187—104th Street

E. N. Moyer Company Limited

Provides Complete Service to Schools—

Up-to-Date Merchandise—Attractively Priced

Offices and Warehouses:

TORONTO, WINNIPEG, SASKATOON, REGINA, EDMONTON

Factory—COWANSVILLE, QUEBEC.

Home Office—TORONTO.

CANADA'S COAST TO COAST SCHOOL SUPPLY COMPANY

OUR FRIENDS BUILD OUR BUSINESS FOR US. Thousands of satisfied customers, who order here year after year, have been responsible for the steady growth of this business. "They are fine people to deal with" they say to others—and so new friends are gained.

We constantly aim to give satisfaction with every order. Old friends are kept and new ones made, by our quality goods, reasonable prices, attractive terms and prompt service. **ASK OUR CUSTOMERS—YOU NEED NO BETTER GUARANTEE.**

TERMS AND INTEREST

We give credit to any Authorized School District for any period up to one year from date of shipment with interest at 5 PER CENT. You cannot borrow money by debentures as reasonable as this.

All Accounts must be closed within 30 days of delivery by cheque or note.

It is not necessary for a School District to ask for credit. Send your orders in and they will be attended to immediately.

We cannot carry individuals on our credit ledger without special pre-arrangement. We advise teachers to have the School Board O.K. their requirements, otherwise it will be necessary for teachers and other private parties to remit with order, sufficient to cover cost of goods and mail or express charges.

PRICES

STERLING SLATE AND HYLOPLATE are Freight Prepaid to any station in Western Canada. All other prices are F.O.B. Warehouse. Prices subject to change.

SERVICE

We carry one of the Largest Stocks of School Supplies and School Equipment in Canada.

Please send us your orders—24 Hour Service

Satisfaction Guaranteed.

Phone: Night 44 792



Phone: Day 86 095

E. N. Moyer Company Limited

Canada's Complete School Furnishers

110-120 Princess Street - WINNIPEG, MAN.

HERE IS THE PROOF

HERBERT SCHOOL DISTRICT No. 1075

OFFICE OF THE SECRETARY-TREASURER



HERBERT SASKATCHEWAN

December 10th., 1926.

Messrs
The E. N. Moyer Co. Ltd.,
Banner Block,
Regina, Sask.

Dear Sirs:

The four-roomed addition to our old school is now completed, for which we purchased from you considerable supplies, such as Blackboard, Desks and two five unit sanitary toilets.

The Board is well pleased with the equipment supplied and also with the services you gave. They will be pleased to recommend your equipment to Boards contemplating to build a new school.

Again thanking you, we remain

Yours very truly,

Secretary-Treasurer.

Drumheller School District No. 2472.
Drumheller, Alta.

H. J. McCurry, Esq.,
Sales Representative,
E. N. Moyer Company, Ltd.,
Calgary, Alta.

Dec. 30th, 1926.

Dear Mr. McCurry,—

Our Principal, Mr. A. J. Heywood, has nothing but praise for your Sterling Slate Blackboard, which we installed in our 12 room school. He told me that the smooth, firm writing surface and its freedom from glare makes this the finest blackboard he has worked upon.

The other teachers are of the same opinion as Mr. Heywood, that it is absolutely satisfactory.

Yours very truly,

HAROLD A. BROWN,
Secretary-Treasurer.

Cadogan, Alberta.

E. N. Moyer Co., Ltd.,
Edmonton, Alta.

Your Desk is an improvement on other styles of desks and our school board is well satisfied with same.

I cannot give you a better testimonial of the Board's satisfaction than to refer you to our order enclosed herewith for more desks.

Yours, truly,

J. E. DOONER,
Secretary Treasurer Cadogan S.D. 2033.

Gilbert Plains S.D. No. 4634,
Mazenrod, January 1st, 1927.
The E. N. Moyer Company, Ltd.

Banner Block,
Regina, Sask.

Dear Sirs,—

Our school is now starting on the second term since completion, and all equipment purchased from your firm has given perfect satisfaction.

Also am pleased to say that your service and courtesy does not stop as soon as sale is closed. We remain yours for more business.

Wishing you the Compliments of the Season.

Yours truly,
WM. BRANDER,
Sec.-Treasurer.



Oh Boy!
you ought
to see our
School—
Everything
from
MOYER'S

Kronau, Sask.
December 20, 1926.

The E. N. Moyer Co. Ltd.,
Banner Block,
Regina, Sask.

Dear Mr. Watchler:

Our new school is now completed and the board wish to take this opportunity of thanking you for the splendid service rendered.

We are well pleased with your toilet system and all equipment supplied. You have equipped all of the new schools built in this vicinity this year and if any other districts near here build we will be glad to recommend your plans and equipment to them.

Again thanking you for your courteous treatment, we are,

Yours very truly,

SAAR S.D. #2007.

Chairman.

Brunkild, Man., Feb. 10, 1926.

E. N. Moyer Co., Ltd.,
110 Princess St., Winnipeg, Man.

Gentlemen:

We have used Moyer's Sanitary Chemical Toilets for four years. They have required no repairs and have given absolute satisfaction.

They have brought city convenience to the country.

Yours truly, H. PICKEN,
Secretary-Treasurer, Brunkild S.D.

QUALITY IS REMEMBERED LONG AFTER THE PRICE IS FORGOTTEN

Secretary-Treasurers' Supplies

The first supplies needed by every School District are the Sec.-Treasurer's supplies. The following is a list, every article guaranteed satisfactory.

No. 10—Press Seal Engraved with name, number, province, lasts for years. Postpaid	\$5.00
No. 12—Rubber Seal, on cushion, with inked pad. Postpaid	1.75
No. 14—Signature Stamp for cheques, 3 lines, spaces for chairman and secy.-treas. (No pad). Postpaid	1.50
No. 15—Signature Stamps, for Letters, 2 lines, name and No. of District and line for secy.-treas. (No pad)	1.25
No. 16—Autograph signature for secy.-treas. or chairman	2.50
(Send 2 or 3 samples of signature)	
No. 100—Property Stamp in Oval ring, the property of Gloria School District No. 401, etc.	1.75
No. 110—Library Book Stamp, in oval ring, "The property of Warren School District No. 1307, Book No.——"	2.00
No. 120—Post Office Stamp as Saskatoon, Sask. ....	.50
No. 130—Return Stamp for stamping Envelopes in corner. After 10 days return, etc.	1.75
No. 140—Dating Stamps	35c and .75
No. 200—Rubber Stamp Pads, Red, Blue, Purple	35c, 45c and .75
No. 210—Rubber Stamp Pad Ink, Red, Blue, Purple. Per bottle .....	.40

We supply any kind of rubber stamp with any wording.

SPECIALY PRINTED SCHOOL DISTRICT STATIONERY

Printed Stationery is very essential to every School District. It prevents possibility of your mail going astray and is very businesslike in appearance.

Printed with any wording you wish.

Only a high grade of Bond Paper used suitable for Pen and Ink or Typewriter. Supplied ruled or plain.

PRICES

250 Each Letterheads and Envelopes	\$ 5.50
500 Each Letterheads and Envelopes	7.50
1000 Each Letterheads and Envelopes	13.00
250 Letterheads only	4.25
500 Letterheads only	5.75
1000 Letterheads only	8.25
250 Envelopes only	3.50
500 Envelopes only	5.25
1000 Envelopes only	7.50

No orders taken for less than 250 of either letterheads or envelopes.

Plain Envelopes, No. 8, per pkg.10c
3 pkgs. for25
Per box of 500	1.95

Official Envelopes, No. 10—Per Pkg.25
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Official Envelopes, Addressed "Department of Education" Victoria, Edmonton, Regina, Winnipeg or Toronto.

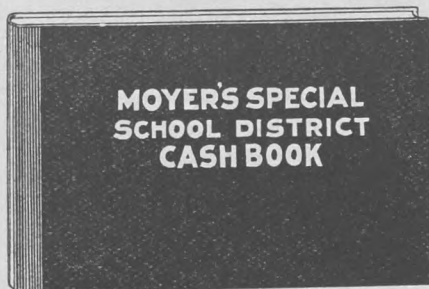
Price, per dozen25
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CARBON PAPER

Pen carbon paper, per dozen sheets	\$.75
Pencil Carbon paper, 9x12, per dozen sheets25
Typewriter Carbon paper, per dozen sheets .....	.50

SCHOOL DISTRICT ACCOUNT BOOK

Very Latest Edition



A large well bound Cash Book printed on good quality paper with columns for each receipt and expenditure. Approved by the Dept. of Education. Price each\$4.00

VOUCHER CHEQUES AND STAMPS

No. 1000—Voucher-cheque forms, lithographed. Book of 50, postpaid\$1.00
This form ensures the return of your receipt, otherwise the cheque cannot be cashed.

No. 150—Set of 4 Rubber Stamps for filling in Voucher Cheques. Post Office and Name of School District, Number of School District and Name of Bank. Kindly give all this information when ordering 1.25

Voucher Cheques printed with the name and No. of S.D., name of bank and Post Office.

200 Voucher cheques, specially printed	\$5.00
500 Voucher cheques, specially printed	8.50

ASSESSMENT AND TAX FORM FOR RURAL AND CONSOLIDATED SCHOOL DISTRICTS

Assessment Notices, pad of 100	\$.75
Tax Notices, in pads of 100 .....	.75
Tax Reminders (For Slow Pay), pad of 50 ....	.60
Distress Notices (Final Notice), pad of 50 ....	.50
Tax Receipts, in Duplicate, with Carbon. Book of 50 .....	.65

MISCELLANEOUS FORMS

Notices Annual Meeting, per dozen	\$.25
Notices Special Meeting, per dozen .....	.25
Declaration of Trustee, per dozen .....	.25
Certificate of Chairman, per dozen .....	.25
Ordinary Receipt Books, each .....	.40
Chairman's Order on Treasurer, each .....	.65

See Page 76 for Fountain Pens and Pencils

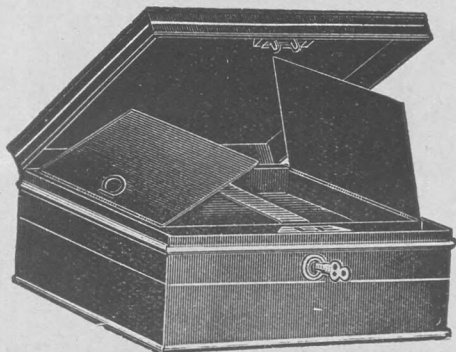
Secretary-Treasurers' Supplies



**BEST QUALITY RUBBER
SEAL**

No. 12—Price \$1.45

Postpaid



CASH BOXES

No. 1—Size 10"x6 3/8"x3 3/8", each \$2.10

No. 2—Size 12"x8 3/8"x4 1/4", each 2.50

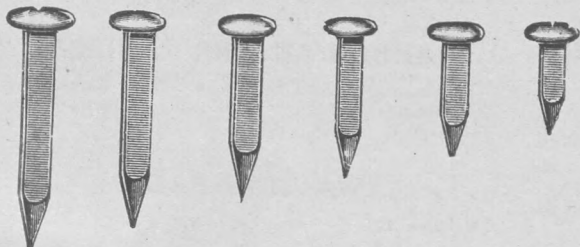
BOND OR DOCUMENT BOX

EXTRA HEAVY CONSTRUCTION

No. 5—Size 16"x12"x7", each \$8.25

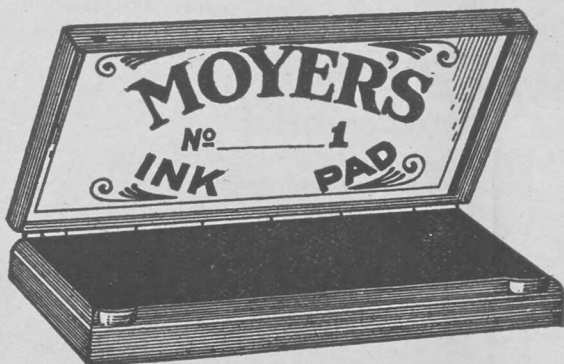
All the above fitted with one Tray and two keys.

BRASS PAPER FASTENERS



No. 4 3 2 1 0 000

No. 000	Length	5/16".	100	in	box.	Price	25c.
No. 0	"	3/8".	100	"	"	"	25c.
No. 1	"	7/16".	100	"	"	"	30c.
No. 2	"	9/16".	100	"	"	"	30c.
No. 3	"	11/16".	100	"	"	"	35c.
No. 4	"	13/16".	100	"	"	"	40c.



STAMP PADS

No. 0—3" x 1 3/4", each 35c. Postage 3c.

No. 1—3 1/2" x 2 1/4", each 45c. Postage 4c.

STAMP PAD INK

1 oz. bottle. Black 40c.

1 oz. bottle. Purple 40c.

Postage 10c.



**LARGE HEAVY LEVER
SEAL**

No. 10—Price \$5.00

Postpaid



MINUTE BOOK

200 Page. Good Quality
Paper. Well Bound.

Price, each \$2.00
Postage 15c.

PRINTING

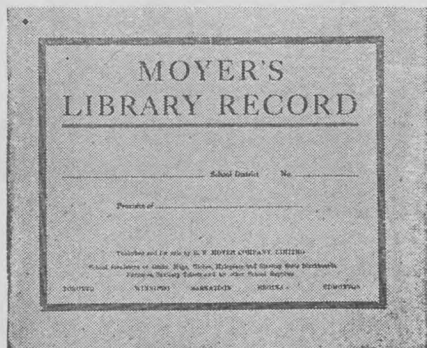
Ask us for prices on your printing.
We can supply printed Stationery,
Vouchers, Cheques, etc., with your
own S.D. name and number, etc., at
very reasonable prices.



VISITORS BOOK

Attractively bound in red and black leatherette. The paper is of a good ink quality. Just the thing to keep a permanent record of the visitors to your school.

Price each 90c



LIBRARY RECORD BOOK

Specially Prepared for Western School Libraries.
Price each, postpaid 75c

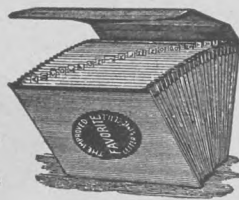
FILES

Favorite File

LETTER SIZE

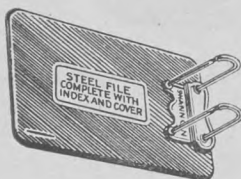
Heavy Manilla, made with Extension Bellows, and Index Pocket for each letter.

Each 90c



SHANNON FILE

Shannon Board File, with Index, each \$1.75
Steel Back File, with Index \$1.50
Perforators, each 60c



BINDING CASE

Price for Binding Case and Index (for transferring when file is filled) 60c

"EVERSHARP" LEADS FOR REFILLS

Black Leads, per box of 12 leads 15c
Indelible Leads, per box of 12 leads 25c
Small Colored Leads, per box of 12 leads 25c
Large Colored Checking Leads, per box of 6 leads 20c



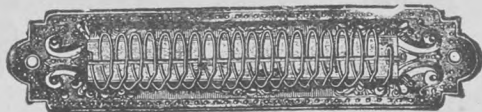
WIRE DESK BASKET

For holding papers. Price, ordinary depth..... 50c



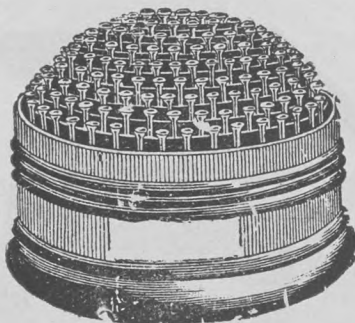
SPIRAL WIRE PEN RACK

For holding pens and pencils. Price 25c



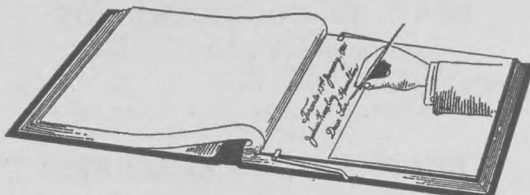
PYRAMID OFFICE PINS

A neat style of having pins on your desk. Price 15c



CARBON COPY LETTER BOOK

Convenient for the Secretary to retain copies of all correspondence. Pen or Pencil may be used. If you do not keep a copy of all your letters, we would suggest that you should—it may save you dollars. Each \$3.75



CARBON LETTER TABLETS

For making copies of letters where printed letterheads are not used. Good paper, manilla covers, well bound. Price each 75c

WRITING PADS

"Mohawk Linen"—Fine linen laid paper—65 sheets.

No. 430—Ruled. Note size, each10. Post .07
No. 431—Plain. Note size, each10. Post .07
No. 432—Ruled. Letter size, each..... .20. Post .10
No. 433—Plain. Letter size, each..... .20. Post .10

24 Hour Service on Lever Seals and Rubber Stamps

See page 4 for Rubber Stamps for use in books.

New Empire School Furniture

Model W Moveable Chair Desks

Canadian Made



Made from selected White Oak with arm rest on right hand side extending to back post. The large roomy drawer provides space for books and is fitted with a pencil rack. No front or rear seats are required to complete the rows as each desk is a complete unit.

As these desks are moveable, the floor can be easily cleared for Drill or Social functions.

Finished in Golden Oak with genuine furniture Duco-Lacquer. The finish which is durable, hard and flexible.

Specially suitable for High School and Public School use and the best that money can buy.



Model W Movable Chair Desks

Model W

Table of Measurements and Information

Size	Inside Drawer Measurements	Size of Desk Top	Height of Seat from Floor	Age of Pupil	Price
1	13 x 11 x 6	15 x 23	17	adult	\$12.50
2	13 x 11 x 6	15 x 23	16	15 to 18	12.50
3	10 x 10 x 6½	14 x 21	15	12 to 15	12.25
4	10 x 10 x 6½	14 x 21	14	9 to 14	12.25
5	10 x 9 x 5	13 x 18	13	7 to 10	12.00
6	10 x 9 x 5	13 x 18	12	5 to 8	12.00

Special Prices for Quantities.

Over 7,000 Moyer Chair Desks, Model W, sold to Canadian Schools during 1926.

BUILT TO WIN—WITHOUT—WITHIN

New Empire Sanitary Single Desks

(Open Front)

The Most
Popular Desk
on the Market



Material—Selected Birch and Maple. Extra Heavy Semi-Steel Standards.

Natural Color Seat and Back, Cherry Stained Top, Duco Lacquer Finish Throughout. Top Rubbed and Polished. This Finish is Washable. Ink will not Stain. Inkwells Supplied with Desks No. 1, 2, 3 and 4.

Table of Measurements and Information

No.	Length of Desk	Height of Seat from Floor	Width of top	Height of Top of Desk from Floor	Floor Space	Age of Pupil	Price for Complete Desk
1	24 inch	17 inch	15 inch	29 inch	29 inch	16 to 21	\$8.50
2	24 inch	16 inch	15 inch	28 inch	28 inch	15 to 18	8.50
3	22 inch	15 inch	14 inch	26 inch	27 inch	11 to 14	8.00
4	22 inch	14 inch	14 inch	25 inch	26 inch	10 to 13	8.00
5	20 inch	13 inch	13 inch	23 inch	25 inch	7 to 9	7.50
6	20 inch	12 inch	13 inch	22 inch	24 inch	5 to 7	7.50

Rears—No. 1 and 2, \$6.90; No. 3 and 4, \$6.75; No. 5 and 6, \$6.60.

Fronts—No. 1 and 2, \$7.50; No. 3 and 4, \$7.25; No. 5 and 6, \$7.00.

Special Prices for Quantities on Application.

Prices subject to change.

See page 9 for illustration of Rears and Fronts.

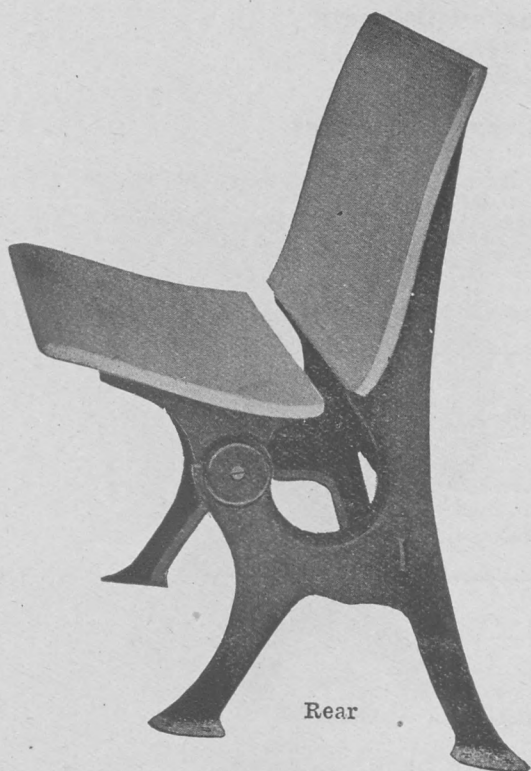
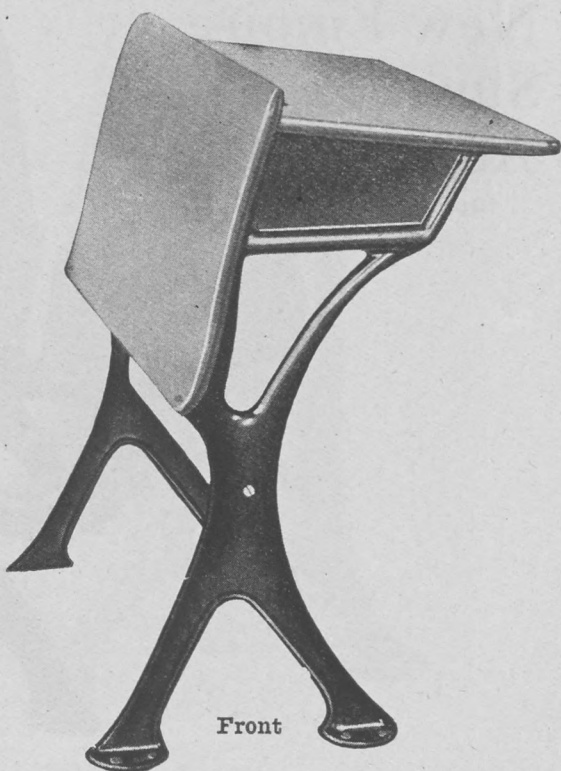
New Empire Single Fronts and Rears

(Open Front)

This style of desk supplied with Duco finish. Tops rubbed and polished.

This finish is washable—
ink will not stain.

Fronts and Rears are made in Six Sizes to correspond to the different sizes of Complete Desks as described on page 8.



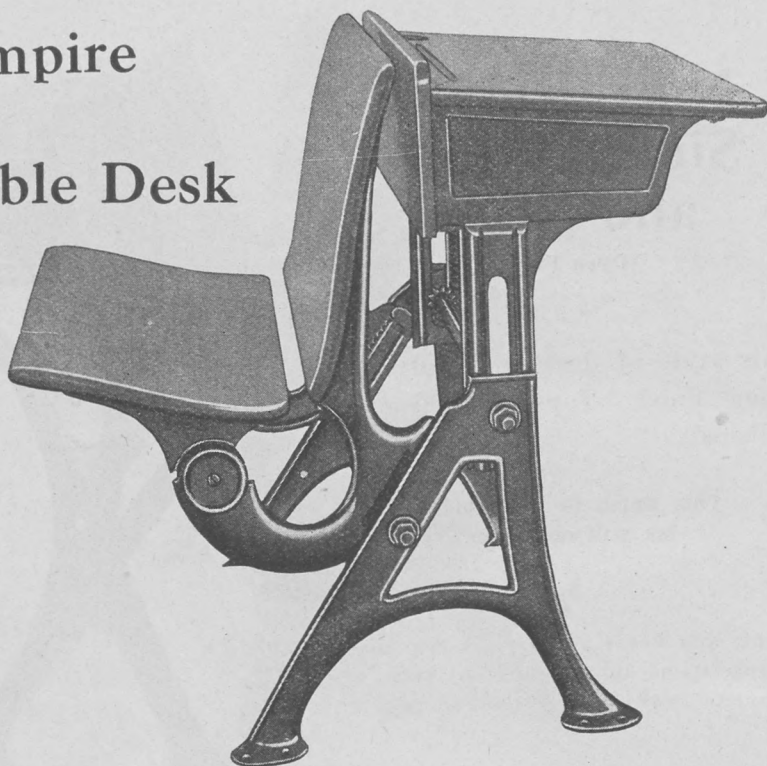
Guarantee

We fully warrant every desk we manufacture for the term of ten years against any defects in material and workmanship.

For prices on N.E. Single Fronts and Rears see page 8.

New Empire Single Adjustable Desk

(Open Front)



Sanitary

The only Canadian adjustable desk with both horizontal and perpendicular adjustment.

Positive and Even.

Inkwells Supplied with All Sizes.

Material—Selected Birch and Maple. Extra Heavy Semi-Steel Standards.

Natural Color Seat and Back, Cherry Stained Top. Finish—Duco Throughout.

Lids Rubbed and Polished. This Finish is Waterproof.

Table of Measurements and Information

No.	Length of Desk	Width of top	Floor Space	Age of Pupil	Price for Complete Desk
A	24 inch	16 inch	29 inch	15 to 21	\$10.75
B	22 inch	15 inch	26 inch	10 to 14	10.40
C	20 inch	14 inch	23 inch	5 to 9	9.90

Rears, any size\$8.25

Fronts, any size\$8.75

Special Prices for Quantities on Application.

PROVED THE BEST ADJUSTABLE DESK IN CANADA

New Empire Adjustable Fronts and Rears

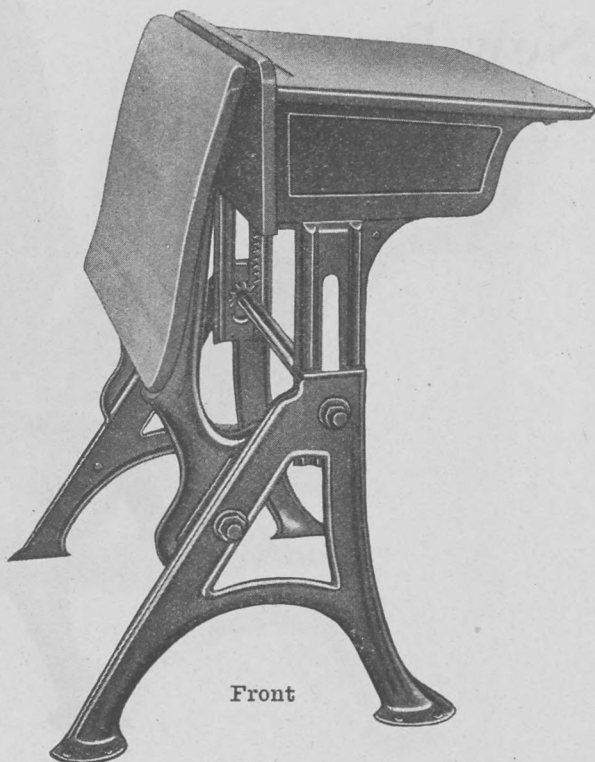
(Open Front)

These desks are supplied
with Duco finish.

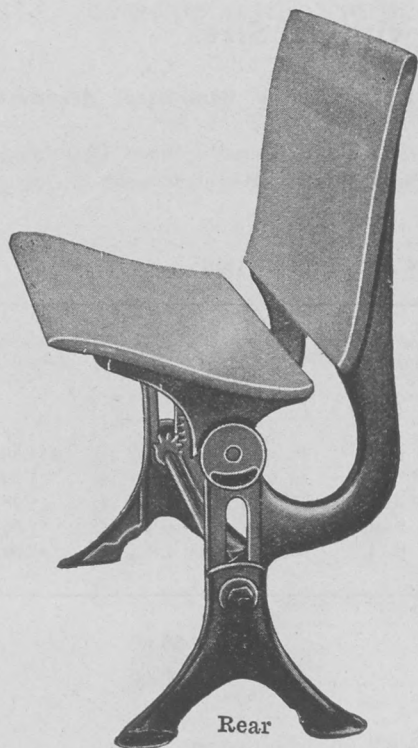
Tops rubbed and polished.

This finish is waterproof.

See Page 10 for Prices.



Front



Rear

Each size of Adjustable Desk covers practically three different sizes of stationary desks. For instance: Size A, the largest size, can be adjusted to sizes ranging from No. 1 to No. 3 stationary desks; Size B, the second size, from No. 3 to No. 5 stationary desks; Size C, the smallest size, from No. 4 to a size smaller than No. 6 stationary desk.

Desk Stripping

We can supply hardwood desk strips 3 inches wide by $\frac{3}{4}$ inch thick for fastening pupils desks to. Desks fastened on strips are easily moved for sweeping, concerts, etc.

From $4\frac{1}{2}$ to 6 lineal feet required for each desk according to size.

Price per foot, 11c

Refer to page 10 for Prices on Front and Rears illustrated above.

New Empire Single Box Desk

(With Lifting Lid)
Non-Adjustable



A Single Stationary Desk with lifting lid box
very suitable for High School classes.

Inkwells Supplied with All Sizes.

Material—Selected Birch and Maple. Extra Heavy Semi-Steel Standards.

Natural Color Seat and Back, Cherry Stained Box. Finish—Ducco Throughout.
Lids Rubbed and Polished. This Finish will not Check.

Table of Measurements and Information

No.	Length of Desk	Height of Seat from Floor	Width of top	Height of Top of Desk from Floor	Space	Age of Pupil	Price for Complete Desk
21	24 inch	17 inch	15 inch	29 inch	29 inch	16 to 21	\$11.50
22	24 inch	16 inch	15 inch	28 inch	28 inch	15 to 18	11.50
23	22 inch	15 inch	14 inch	26 inch	27 inch	11 to 14	11.25
24	22 inch	14 inch	14 inch	25 inch	26 inch	10 to 13	11.25
25	20 inch	13 inch	13 inch	23 inch	25 inch	7 to 9	11.00

Rears, any size \$6.60

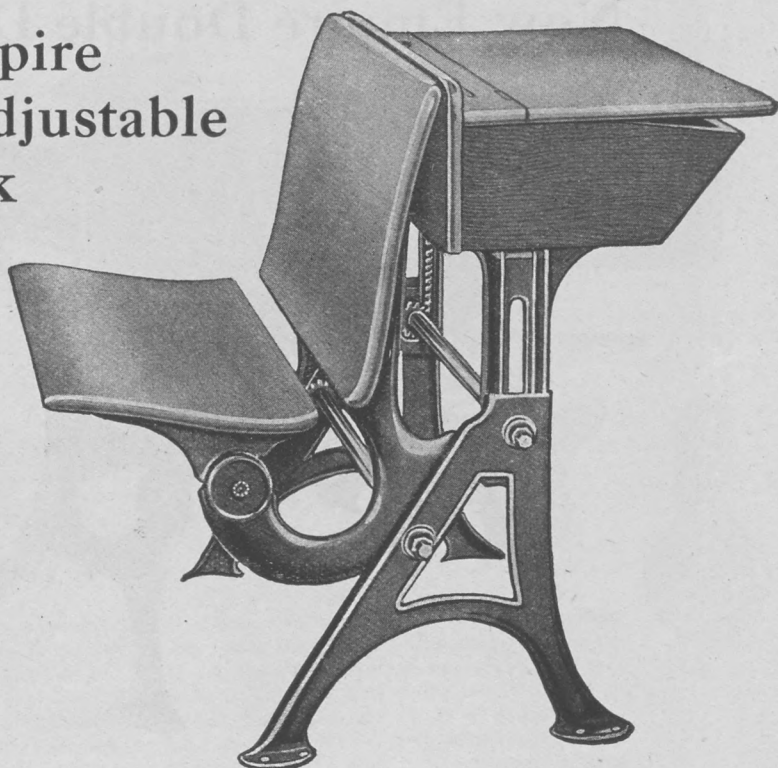
Fronts, any size \$10.00

Special Prices for Quantities on Application.

STRENGTH WHERE STRENGTH NEEDED

New Empire Single Adjustable Box Desk

(With Lifting Lid)



Note the roomy box—strong—comfortable—sanitary—simple construction. Same adjustment as Open Front Adjustable.

Each size will adjust to three sizes.

Material—Selected Birch and Maple. Extra Heavy Semi-Steel Standards.

Natural Color Seat and Back, Cherry Stained Box. Finish—Ducro Throughout. Lids Rubbed and Polished. This Finish Resists Ordinary Heat and Cold. Inkwells Supplied with Desks No. D. E. F.

Table of Measurements and Information

No.	Length of Desk	Width of top	Floor Space	Age of Pupil	Price for Complete Desk
D	24 inch	17 inch	29 inch	15 to 21	\$12.60
E	22 inch	16 inch	26 inch	10 to 14	12.10
F	20 inch	15 inch	23 inch	5 to 9	11.60

Rears, any size \$8.25

Fronts, any size \$10.50

Special Prices for Quantities on Application.

CHOSEN FOR PROVED ECONOMY AND QUALITY

New Empire Double Desk



Same style as New Empire Single Desk, but accommodates two pupils.

Inkwells supplied with all sizes.

Material—Selected Birch and Maple. Extra Heavy Semi-Steel Standards.

Finish—Duco Lacquer throughout. Natural color Seat and Back, Cherry Stained Tops which are Rubbed and Polished. This Finish Cannot be Readily Scarred or Scratched.

Table of Measurements and Information

No.	Length of Desk	Height of Seat from Floor	Width of Top	Height of Top of Desk from Floor	Floor Space	Age of Pupil	Price for Complete Desk
1	40 inch	17 inch	15 inch	29 inch	29 inch	16 to 21	\$10.50
2	40 inch	16 inch	15 inch	28 inch	28 inch	15 to 18	10.50
3	38 inch	15 inch	14 inch	26 inch	27 inch	11 to 14	10.00
4	38 inch	14 inch	14 inch	25 inch	26 inch	10 to 13	10.00
5	36 inch	13 inch	13 inch	23 inch	25 inch	7 to 9	9.75
6	36 inch	22 inch	13 inch	22 inch	24 inch	5 to 7	9.75

Rears any size\$8.25

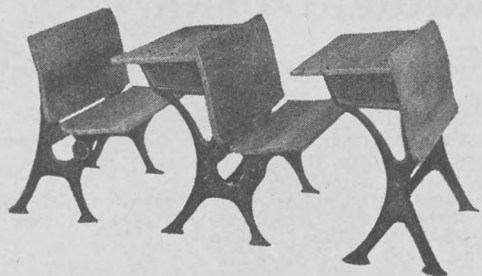
Fronts, any size 8.25

For prices on Double Desks with individual seats add \$2.25 to above listed prices.

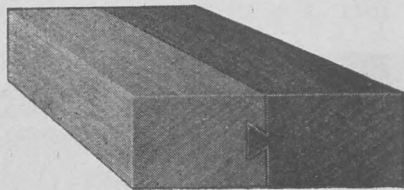
Special Prices for Quantities on Application

IF IT'S SCHOOL EQUIPMENT WE HAVE IT

When ordering Repairs state Style and Size of Desk, Right or Left Side Descriptive number, if any. You can't be too specific.



Rear Complete Desk Front
This Half-Tone Engraving shows a Rear, a Complete Desk, and a Front.



Note the Dove Tail joint which makes it impossible for our desk woods to "open up" under severe atmospheric conditions.

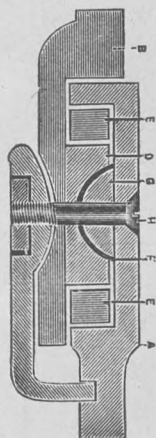


Fig. 6

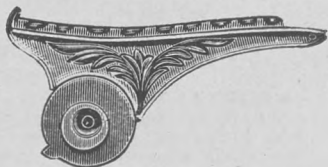


Fig. 1

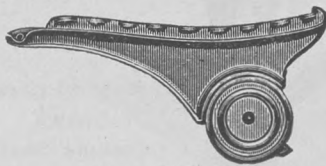


Fig. 2



Fig. 5

A represents the Desk Standard (Fig. 6); B the Seat Irons; C the Earpiece, with the Square Chamber to receive the nut on the bolt. D shows Eccentric on Seat Arm, see also centre of Figure 1; E E shows the Roller Bearings; F is a Brass Cap fitting over Socket G which is a Chilled Iron Cone; H shows the Bolt and Nut which hold all these various parts securely and permanently as shown (in Figure 6) thus making a frictionless as well as noiseless Hinge.

By examining the Seat Arm, Fig. 1, you will notice an Eccentric Hinge Bearing which when the seat is lifted up or let down is brought in contact with the steel rollers shown in the Standard, Fig. 3, gradually tightening the Bearings and stopping the seat at the proper place without noise or jar.

The Seat Arm, Fig. 2, is fastened to the Standard, Fig. 3, with a bolt, Fig. 4, which passes through the centre of the ball and socket bearing and through the ear-piece. Fig. 5. The Nut fits into and is kept from turning by the square chamber of the ear-piece, the tail end of this ear-piece being held stationary by the slot in the standard. By means of the ball and socket bearing the hinge bolt is relieved of all strain caused by the weight of pupil on seat.

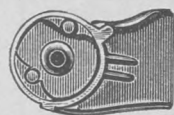
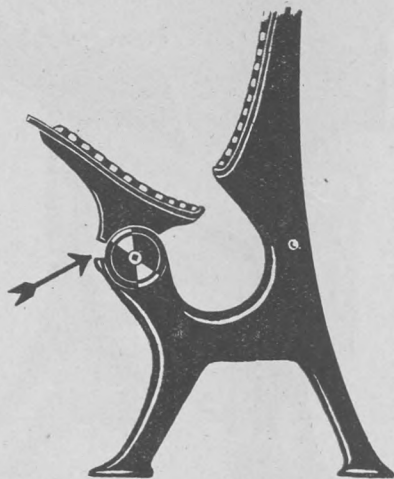


Fig. 3



Fig. 4



The Duco-Lacquer Finish is:

Washable,
Waterproof,
Does not check,
Will not chip easily,
Resists ordinary heat and cold,
Unaffected by steam or boiling water,—and
Cannot be readily scarred or scratched.

The above illustration shows our new Sanitary Casting. Note the positive stop on the Standard. This absolutely prevents the seat from dropping.



Harvard Adjustable Desks

NEW MODELS



Note—Prices
Shown
Include Seat.

Lifting Lid.

Material—Selected Birch and Maple.
Extra Heavy Semi-Steel Castings. Box
Golden Oak Finish.

Finish—Duco-Lacquer Throughout. Lids
Rubbed and Polished. Lifting Lid Box.
Made in 3 sizes.

- No. 24—Size of Box, 24 in. x 17 in.
No. 26—Size of Box, 26 in. x 20 in.
No. 28—Size of Box, 28 in. x 20 in.

Price complete with seat

No. 24	\$15.00
No. 26	15.25
No. 28	15.50

IMPORTANT—Either style of seat listed
on opposite page will be supplied. Unless
you definitely specify the style preferred
we shall use our own judgment.

Special Prices on Large Quantities

Write Us

A great proportion of our business
is done by correspondence.

Samples of pupils desks will be
gladly sent on application.

Returnable if not entirely satis-
factory.

Our aim is prompt service and
satisfaction to our customers.

Let us have your inquiries.

Harvard Adjustable Desk and Seat

Open Front

Material—Selected Birch and Maple.
Extra Heavy Semi-Steel Castings. Box
Golden Oak Finish.

Finish—Duco-Lacquer Throughout. Lids
Rubbed and Polished. Open Front Boxes.
Made in 3 sizes.

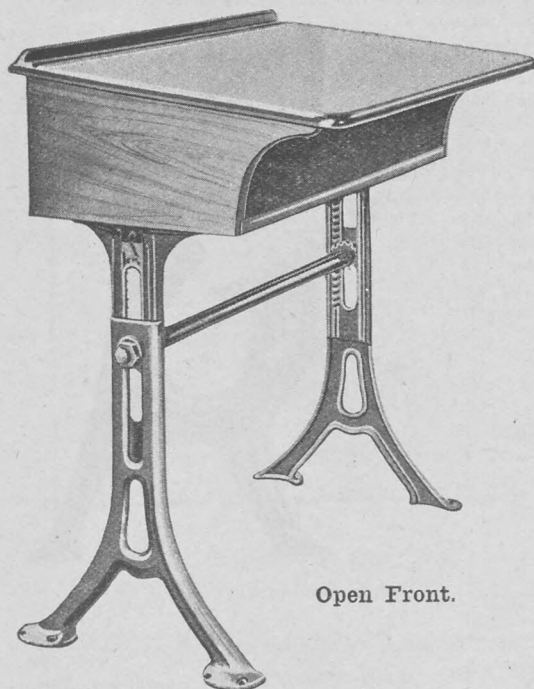
- No. 34, Size of Top and Box, 24 in. x 16 in.
No. 36, Size of Top and Box, 26 in. x 19 in.
No. 38, Size of Top and Box, 28 in. x 20 in.

Price complete with seat

No. 34	\$12.50
No. 36	12.50
No. 38	13.00

IMPORTANT—Either style of seat listed
on opposite page will be supplied. Unless
you definitely specify the style preferred
we shall use our own judgment.

Special Prices on Large Quantities



Open Front.

See Page 17 for Harvard Seats. Above Prices include cost of seats.

Harvard Seats

Our new Corrugated Bell Slide and Oval Shaped Bell ensures perfect alignment and stability.



No. H—Veneer Back Adjustable.

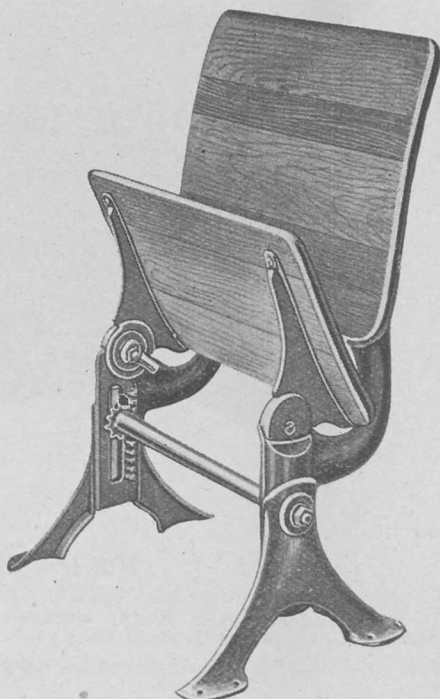


No. G—Slat Back Adjustable.

The Harvard Seats illustrated on this page are for the Harvard Desks as illustrated and described on page 16. Prices shown on opposite page are for complete desk with chair. Please state definitely which style of chair you prefer.



The above illustration shows a complete Harvard Desk and Chair.



No. I—Folding Seat Adjustable.

Teachers' and Office Desks

Duco-Lacquer Finish



No. 12—Size: 42 in. x 26 in.

Ash Body. Selected Solid Ash Top.
Finished Golden Oak. Drawer pulls
are wooden, same as in No. 16 shown
below.

Price \$19.50



No. 16—Size: 42 in. x 26 in.

Material—Ash Body, selected Solid Ash Top. Finished Golden Oak.

Price \$25.00

Special Prices on Large Quantities

Teachers' and Office Desks

Duco-Lacquer Finish



No. 20—Size: 27 in. x 48 in. Price \$37.00.

Material—Ash Body, Selected Solid Ash Top, very well built. Finished Golden Oak.



No. 21—Size: 27 x 52 in. Price \$39.00

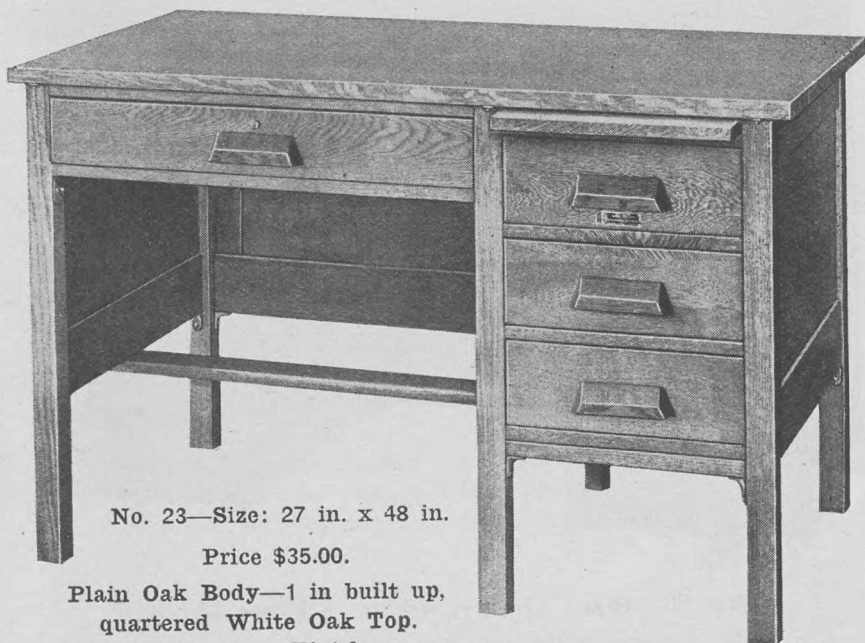
Ash Body, Top 1¼ in., Built up Plain White Oak. Rubbed Duco-Lacquer Finish. Lock on centre drawer which locks all the other drawers automatically. Finished Golden Oak.

Special Prices on Large Quantities

Teachers' and Office Desks

Duco-Lacquer Finish.

Lock on centre drawer which locks all other drawers automatically.
Finished Golden Oak.



No. 23—Size: 27 in. x 48 in.

Price \$35.00.

Plain Oak Body—1 in built up,
quartered White Oak Top.

Duco-Lacquer Finish.



No. 22 $\frac{1}{2}$ —Size: 27 in. x 52 in. Price \$42.50.

Plain Oak Body—1 $\frac{1}{4}$ inch built up, quartered White Oak Top.

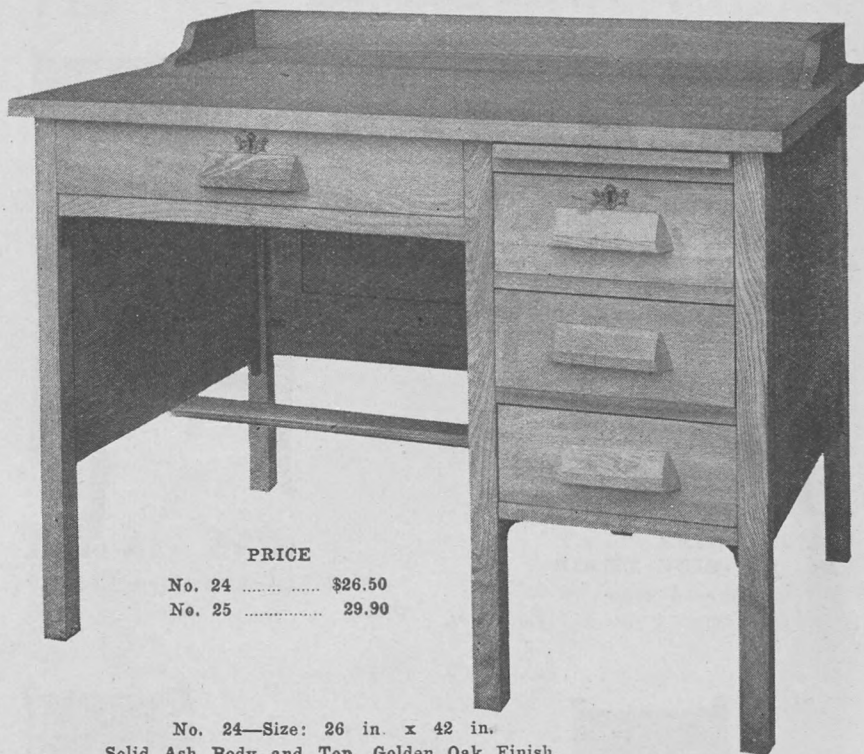
No. 22—Size: 27 in. x 52 in. Price \$38.50.

Ash Body—1 $\frac{1}{4}$ inch built up, plain White Oak Top. Duco-Lacquer Finish.
Same Design as No. 22 $\frac{1}{2}$.

Special Prices on Large Quantities.

Teachers' Desks and Tables

Duco Lacquer Finish



PRICE

No. 24	\$26.50
No. 25	29.90

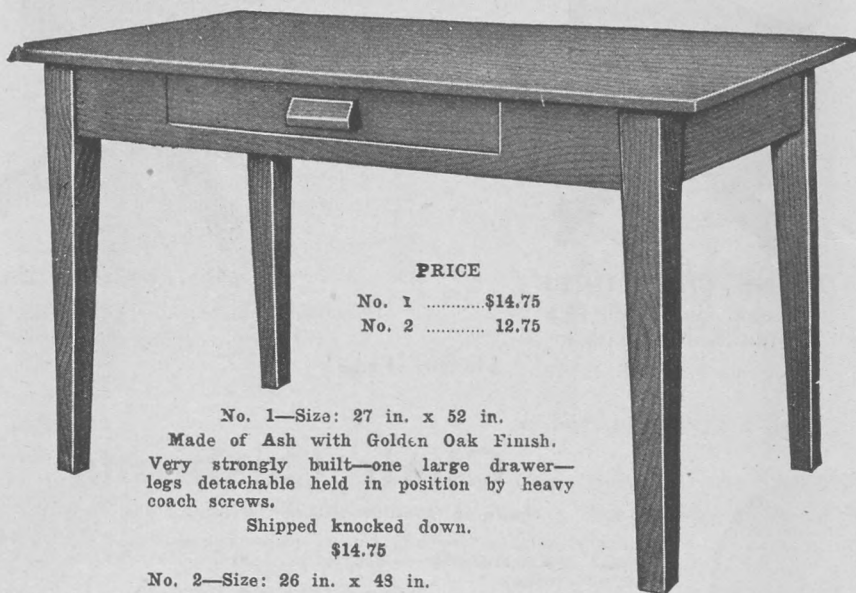
No. 24—Size: 26 in. x 42 in.

Solid Ash Body and Top, Golden Oak Finish.

No. 25—Size: 26 in. x 42 in.

Plain Oak Body—1 inch built up quartered White Oak.
Top (without Top Rail)—Rubbed Duco-Lacquer Finish.

Teachers' Tables



PRICE

No. 1	\$14.75
No. 2	12.75

No. 1—Size: 27 in. x 52 in.

Made of Ash with Golden Oak Finish.

Very strongly built—one large drawer—
legs detachable held in position by heavy
coach screws.

Shipped knocked down.

\$14.75

No. 2—Size: 26 in. x 43 in.

Table No. 2 made of Selected Ash. Duco-Lacquer Finish.
Two drawers each 17 in. wide, 3¼ in. deep.

\$12.75

Special Prices on Large Quantities.

Teachers' and Office Chairs

Duco Lacquer Finish



No. 110—SIDE CHAIR
Quartered Oak

Price \$8.75



No. 112—ARM CHAIR
Quartered Oak

Price \$10.75



No. 978—SIDE TILTER
Selected Quartered Oak
Light Golden Finish

Price \$13.50



No. 976—ARM TILTER
Selected Quartered Oak. Light Golden
Finish. Very substantial.

Price \$17.75

Chair Cushions

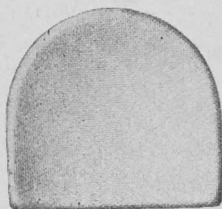
Made of Cushion Rubber with Wool Felt Seat

These Cushions are practically indestructible and will give years of service. An extremely comfortable Cushion. Prevents hard wear and shine on clothes.

MADE IN TWO SIZES

S-180—Large. 18½ in. x 17 in. Price \$3.75
S-150—Small. 15 in. x 14½ in. Price 2.95

Special Prices on Large Quantities.



Teachers' and Visitors' Chairs



No. 3—ARM CHAIR

Hardwood, Golden Gloss. Wood Saddle
Seat. Strongly Made.

Price \$6.50



No. 4—ARM TILTER

Hardwood, Golden Gloss. Wood Saddle
Seat. A very comfortable chair.

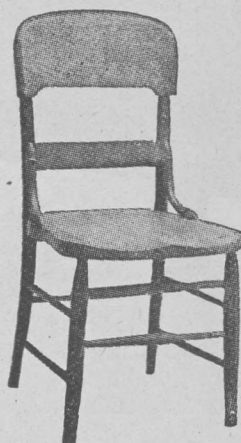
Price \$12.75



No. 6—VISITOR'S CHAIR

Solid Elm, Golden Finish.

Price \$2.40



No. 37—VISITOR'S CHAIR

Hardwood, Golden Gloss Finish, Saddle
Seat, Braces Bolted.

Price, each \$4.80

Special Prices on Quantities.

Moyer Sectional Book Cases

The Most Inexpensive Quality Book Case on the Market.



The book Sections are 32 inches wide for books up to 9 inches in height.

A Minimum Cost—But Moyer Quality

The "School or Home" Book Case, although manufactured to meet the demand for a quality product at a remarkably low price, will at once be recognized as a valuable addition to any room. The entire lack of pronounced pattern makes it particularly suited to varied surroundings, and like all simple, straight line designs, it is something of which one never tires.

The ingenious door mechanism makes it impossible for doors to bind. The heavy solid ends, strongly dovetailed to the bottom mean greater strength and rigidity. The Book Sections are 32 in. wide and for books 9 in. in height. Supplied in either Quartered Oak, Golden Finish, or Birch Mahogany Finish.

No. 100—Complete Stack of 3 Sections, with top and base as illustrated. Quartered Oak, Golden Finish. Price complete\$33.75

Extra Book Sections, each \$8.50

No. 200—Complete Stack of 3 Sections, with top and base as illustrated. Birch, Mahogany Finish. Price complete\$30.00

Extra Book Sections, each \$8.25

Special Prices on Large Quantities.

Hardwood Book Cases and Cabinets

Made of Ash, Golden Oak Finish

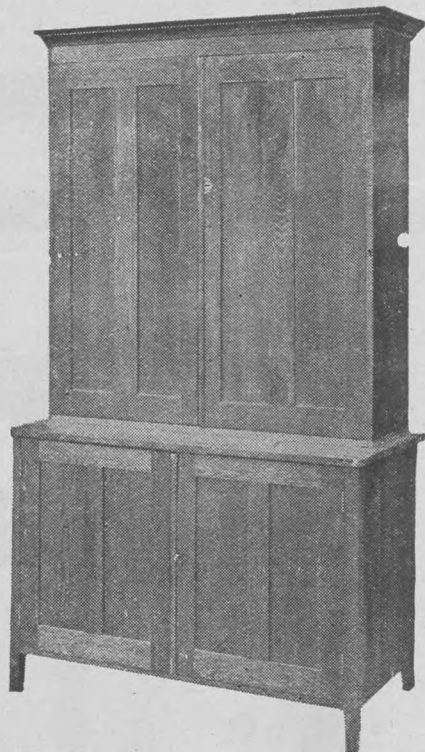
IMPORTANT—All Moyer School Book Cases are Larger than those listed in Other Mail Order Catalogues.



No. 1—BOOK CASE

Glass Doors with Lock; Golden Oak Finish. Height 50 inches; Width 40 inches; Depth 11 inches. Equipped with 3 Adjusting Shelves, complete with Base.

Price, Complete with Base.....\$28.75



**COMBINATION BOOK CASE
AND CUPBOARD**

Either No. 1 or No. 2 Book Case may be used as the upper section.

Price, with No. 1 Book Case\$47.00

Price, with No. 2 Book Case 45.00



No. 2—BOOK CASE

Solid Wood Doors; Golden Oak Finish; Height 50 inches; Width 40 inches; Depth 11 inches. Equipped with 3 adjusting shelves, complete with base.

Price\$26.50



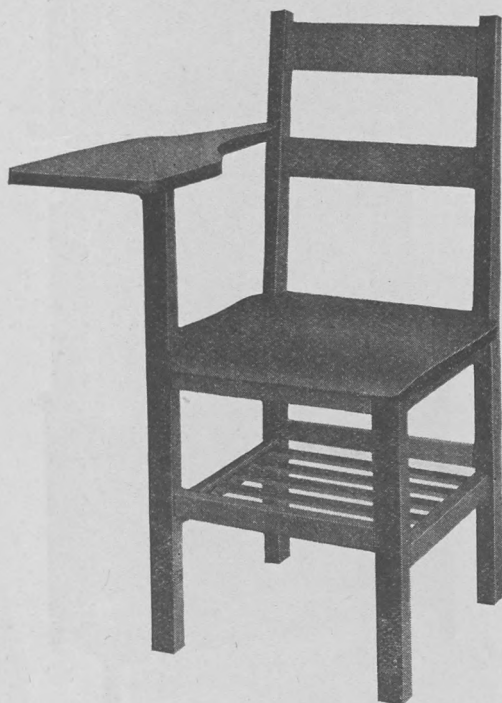
SCHOOL CUPBOARD

Height 30 inches; width 42 inches; Depth 18½ inches. Will accommodate Globe and Science apparatus, and other smaller supplies.

Price\$19.00

Special Prices on Large Quantities.

Opera and Tablet Arm Chairs



Tablet Arm Chair

No. 115

Solid Oak. Saddle Seat.
Built-in book rack.
Back 17¼ in. high.
Golden Oak Lacquer Finish.

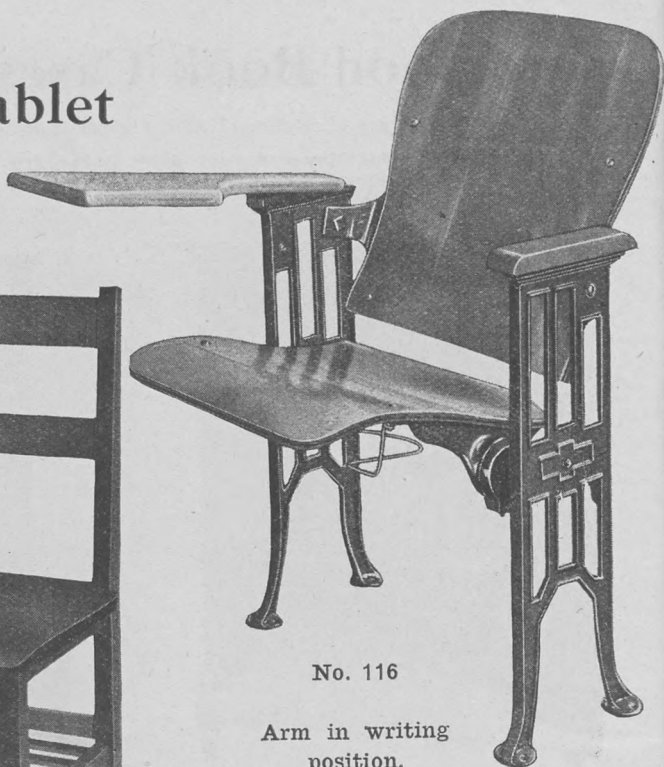
Price \$9.75.

Opera Chairs

Backs and Seats—5-ply Birch Veneers
Finish: Natural, Oak, or Mahogany

In groups of 5 or more, each \$5.50.

Single Chairs, each \$6.25.

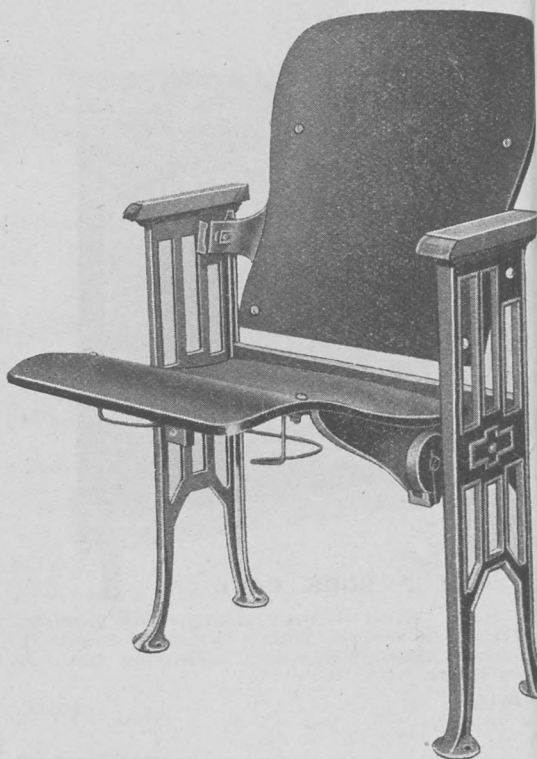


No. 116

Arm in writing position.

Tablet Arm Chair No. 116

In groups of 5 or more. Each \$6.25.
Single chairs, per chair \$6.75.



Folding and Assembly Folding Chairs



Noteworthy Points of Construction—

The strongest chair on the market. Made of straight stock and steel, thoroughly riveted.

Built wide to give roominess and comfort. Especially rigid and solid on the floor. Will not tip forward and folds as flat as a board.

Made of Hard Maple, Birch, natural gloss finish.

Packed for shipment, one dozen weigh 150 pounds.

Steel rod extends through legs and is riveted fast.

All legs are heavy, straight stock—not easily broken.

All metal parts are riveted fast and cannot loosen.

Lower end of back is placed to rear to give comfort.

Heavy cross-rail under seat to support weight and carry strain.

Heavy cross-rail fastened with barbed nails connecting front legs near floor.

Each	\$ 2.50
Per dozen	27.00
Per 100	200.00

Special Prices on Larger Quantities.

Freight and Express Charges Extra.

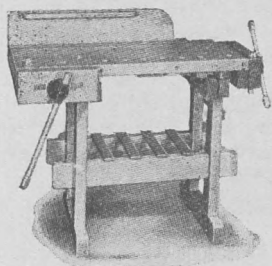


Assembly Folding Chairs

Supplied in sections of two, three or four. Seat and back made of selected Veneers 5-ply. Natural, Oak or Mahogany Finish. Price in sections of two or more, per seat \$4.65

Special Prices on Large Quantities.

Manual Training Bench



This style of bench has been approved by the highest authorities in Canada.

Size of Top: 18 x 36 inches.

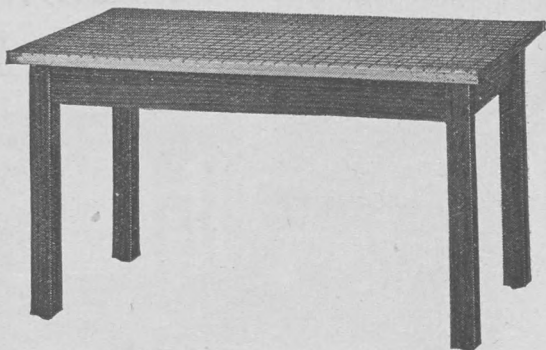
**Material—Selected Extra Heavy
Birch or Maple**

Price, \$20.00.

Price subject to change.

Special Prices on Large Quantities

Kindergarten Table



Made of hardwood with top lined accurately in inch squares. Score marks can never be erased. Perfectly smooth for writing. Exceptionally strong.

Shipped knocked down.

Two sizes:

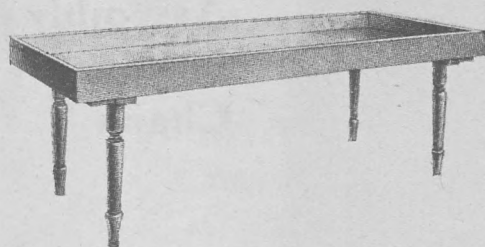
18 x 36	each \$6.50
18 x 72	each 13.00

Plain Top Kindergarten Tables

No. 32—Top 20x30 in., 20½ in. high,	
each	\$5.95
No. 36—Top 20x36 in., 23 in. high,	
each	6.50

Special Prices on Quantities.

Sand Table



72 inches long by 30 inches wide and 24 inches from floor to top of tray.

Tray is 4 inches deep, lined with zinc and joints leaded.

Turned legs detachable—

Shipped knocked down.

Price, each \$30.00

Kindergarten Chair



**Kindergarten and Primary Chair
Approved Pattern.**

No. 012—12 in. with Rubber Tips....	\$1.80
Per dozen....	19.50

No. 014—14 in. with Rubber Tips....	1.90
Per dozen....	21.00

Special Prices in Large Quantities.

Rubber Bumpers

No. 14—Mushroom Shape for Kindergarten Tables, per doz., .40, per 100,	\$2.00
No. 21—Mushroom Shape for Kindergarten Tables, per doz., 60c, per 100,	3.50

SCREW BUMPERS

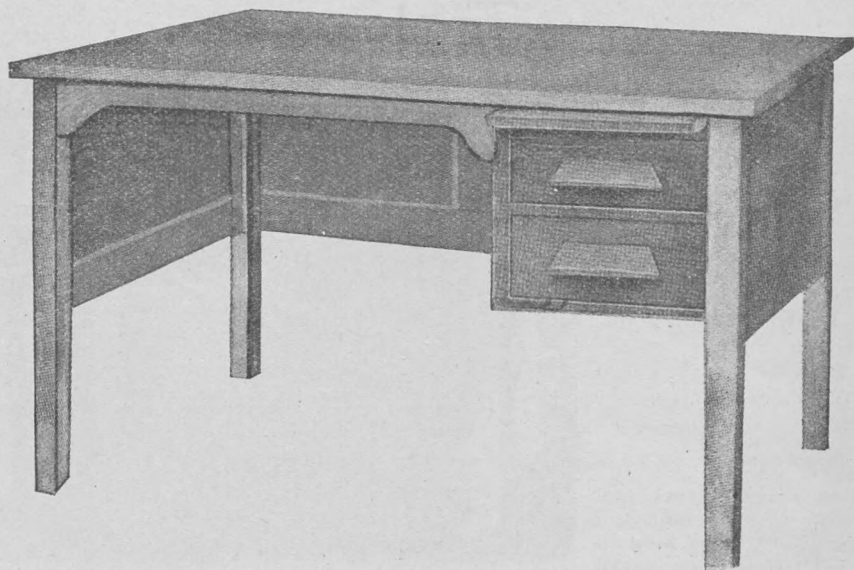
No. 231—Screw-on type for Kindergarten Chairs....	per doz., .45, per 100,	2.50
No. 233—Screw-on type for Kindergarten Chairs....	per doz., 75c, per 100	4.00

Freight or Express Charges Extra.

Special Prices for Quantities.



Typewriter and Commercial Desks



No. 2

Selected Ash.

Golden Oak Finish, Rubbed Top.

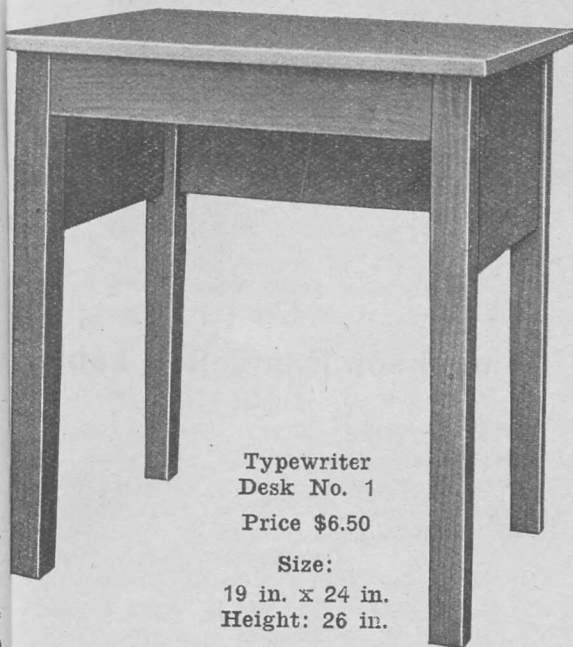
Sliding Leaf over Drawers.

Size: 36 in. x 20 in.

Height: 27 inches.

Price \$18.25

Typewriter Desk

Typewriter
Desk No. 1

Price \$6.50

Size:

19 in. x 24 in.

Height: 26 in.



Moyer
Commercial Desks
(With Lifting Lid)

Made in two sizes:

No. 1—22x21 in., 30 in. high. Price \$7.75

No. 2—26x25 in., 34 in. high. Price \$9.75

Selected Birch or
Maple—natural finish.

Selected Hardwood Natural Finish

Special Prices for Quantities.

Laboratory, Kitchen and Luncheon Tables

Enamelled Tables

Finish

STEEL TOPS—White vitreous enamel with Royal Blue edge.

WOOD PARTS — Finest quality White Enamel Paint.

Construction

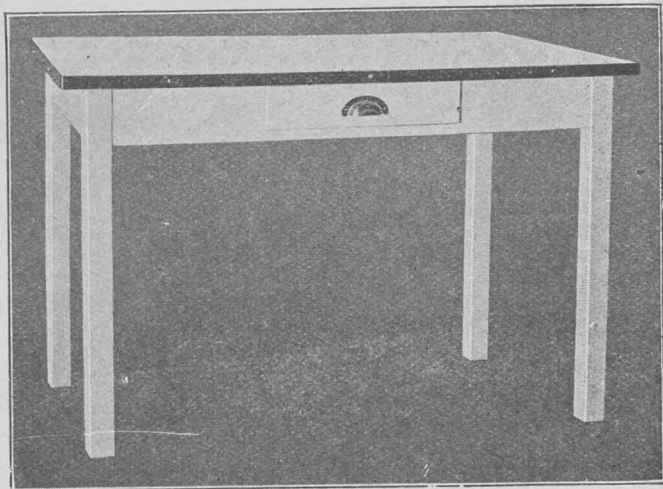
Made from special steel and selected birch, mortised joints, detachable legs held in position by $2\frac{1}{2}$ x $\frac{3}{8}$ in. coach screws, legs fitted with domes of silicone, screws used throughout—no nails.

Excellent tables for an institution or home.

Easily kept clean.

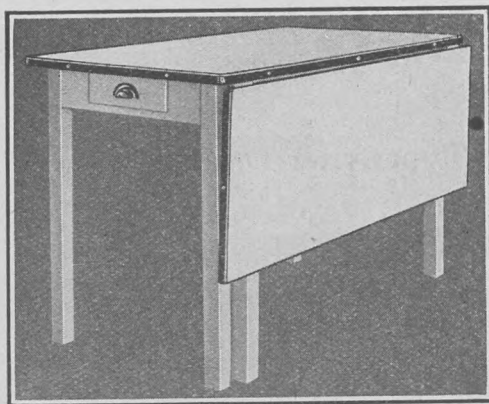
Saves the constant wearing out and replacement of covers and is incomparable for sanitary qualities.

Supplied with square or round corners; plain or decorated tops.



Three Sizes: 20 x 36 in. Price \$ 8.30
 $25\frac{1}{2}$ x 42 in. Price 9.50
 27 x 48 in. Price 10.10

Decorated Tops, \$1.25 per Table Extra.



Two Sizes: 20 in. x 36 in. with drop leaf
 16 in. x 36 in. Each \$14.50
 $25\frac{1}{2}$ x 42 in with drop leaf,
 16 in. x 42 in. Each \$15.75

Decorated Tops, \$2.00 per Table Extra.

Luncheon Enamelled Tables

Finish

STEEL TOPS—White vitreous enamel with Royal Blue edge.

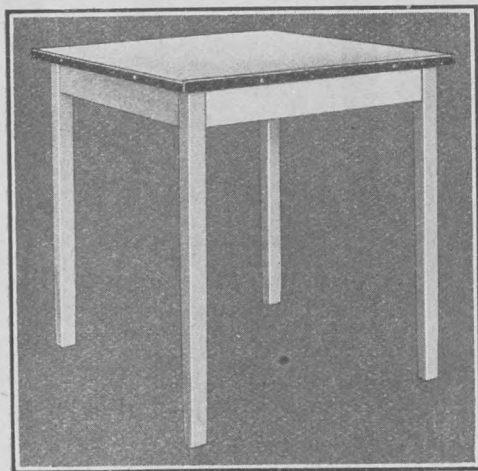
WOOD PARTS—Finest quality White Enamel Paint or Natural, Light Oak, or Mahogany Lacquer Finish.

Construction

Same as Tables Illustrated above.

Stock Sizes: 24 x 24 in. Each \$ 8.50
 28 x 28 in. Each 9.65
 34 x 36 in. Each 13.00

Decorated Tops, \$1.25 per Table Extra.



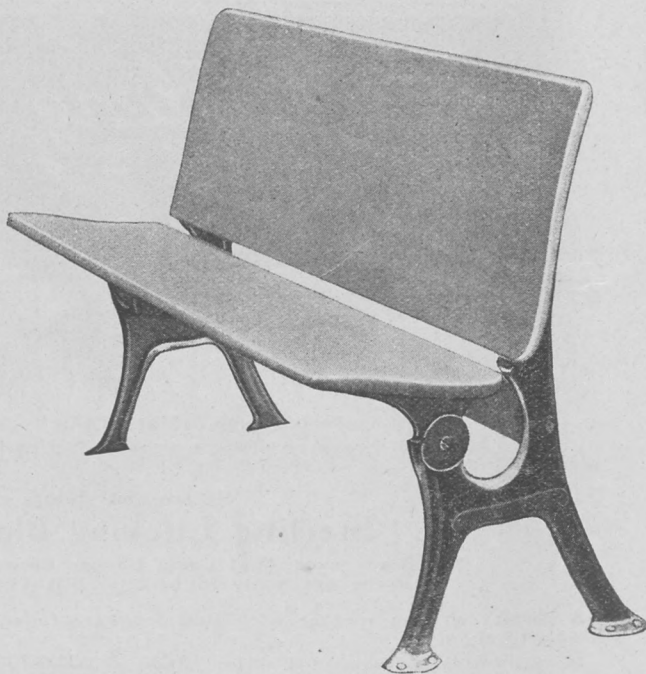
Special Prices on Large Quantities.

Folding Recitation Seats

Material, Selected Birch
and Maple.

Length: 4 ft.

Price each \$10.50.

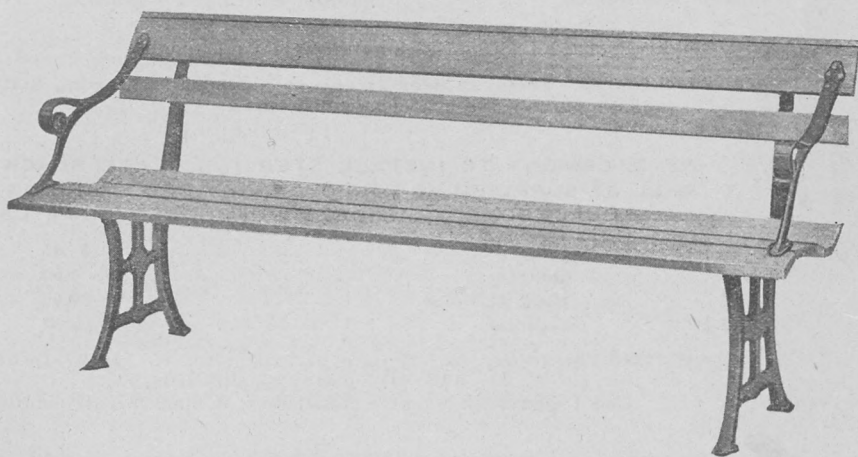


Folding Recitation Seats with Tablet Arms

Length: 4 ft.

Price each \$13.75.

Lawn or Hall Seats



Standard lengths: 6, 8 and 10 feet.

Green varnish finish unless otherwise ordered.

Selected Birch and Maple.

	Without Arm Rests	With Arm Rests
Price— 6 ft. long	\$13.50	\$14.00
“ — 8 ft. long	16.95	17.50
“ — 10 ft. long	19.25	19.75

The Permanent Blackboard



Permanent Black Color Waterproof
Will not check or become glossy. The best that money will buy.

We are distributors of "Sterling Lifelong Blackboard"

The Blackboard That Lasts Longer Because It Is Built Better
There Are Many Imitations—But There Is No Equal.

A perfect writing surface with that "velvet" finish. The blackboard that is black all the way through.

More durable than natural slate. Made of Asbestos and Cement in the proper proportions to make a perfect blackboard foundation. Finished with five coats of "Sterling Lifelong Blackboard Surfacers."

The Body is guaranteed for the lifetime of the building.

The Surface is guaranteed for ten years, if installed according to instructions, and may be re-surfaced at very small expense.

Stocked in lengths of 5 ft., 6 ft., 7 ft., and 8 ft., and in widths of 3½ ft. and 4 ft. "Sterling Lifelong Blackboard" an investment—Not an expense.

Immediate shipment.

Sample mailed on request.

Price per square foot 65c

Freight Prepaid to any Station in Western Canada.

Beware of cheap blackboards. They are dear at any price. Specify Sterling Slate or Hyloplate. There are no substitutes.

No. 25 CEMENT TO INSTALL STERLING SLATE BLACKBOARD
WILL BE SUPPLIED AS FOLLOWS PROVIDED STERLING SLATE
BLACKBOARD HAS BEEN PURCHASED FROM US.

Pints	\$.85
Quarts	1.50
Half Gallons	2.65
Gallons	5.30

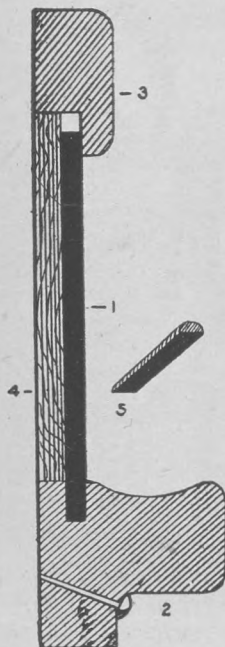
We will not supply No. 25 Cement except for use with Sterling Slate and Hyloplate Blackboards.

Use 1 Quart for every 8 lineal feet of blackboard installed.

WOODEN MOULDING FOR INSTALLING BLACKBOARDS

No. 4 for Top and Ends, 1½ in. wide, for Hyloplate only.	
Per running foot .....	.00
No. 3 for Top and Ends, 2 in. wide, for Sterling Slate or Hyloplate.	
Per running foot .....	.10
No. 2 Chalk Trough for bottom, grooved 2½ in. wide, for Sterling Slate or Hyloplate. Per running foot .....	.10
No. 11 Steel Joint Moulding for use when two or more pieces of Sterling Blackboard are to be installed. 3½ ft. and 4 ft. lengths. Each .....	.70
No. 12 Steel Joint, for use on Hyloplate Blackboard only .....	.70

ORDER FROM MOYER'S—Then you will be sure of getting
Sterling Slate.



Manager's Res. Phone 44 792

TORONTO — SASKATOON — EDMONTON



ORDER FORM

E. N. Moyer Company Limited

CANADA'S SCHOOL FURNISHERS

110-120 Princess St. WINNIPEG, Man.

Our Reference No. _____

Do not write here

6-27

Date _____ 192 _____ P.O. _____

Ship to _____ Secretary-Treasurer

For School District No.

..... Station, Province

Nearest Express Office.....

Ship by { Freight
Express
Mail When

[illegible]

DO NOT WRITE ABOVE THIS LINE

at

\$

c.

Quantity

Brought Forward

TOTAL

Are you in need of more Order Forms?

C.

Manager's Res. Phone 44 792

TORONTO — SASKATOON — EDMONTON



E. N. Moyer Company Limited

CANADA'S SCHOOL FURNISHERS

110-120 Princess St. WINNIPEG, Man.

Our Reference No. _____

Do not write here

6-27

ate _____ 192 _____ P.O. _____

hip to _____ Secretary-Treasurer

or School District No.

Station, _____ Province _____

Nearest Express Office.....

Ship by { Freight
 Express
 Mail

When

[illegible]

DO NOT WRITE ABOVE THIS LINE

at

\$

C.

Quantity

Brought Forward

TOTAL

Are you in need of more Order Forms?

OLD RELIABLE HYLOPLATE 40 YEARS BEHIND IT

Beware of cheap
blackboards.
Specify Hyloplate
or Sterling Slate
for your school.



10 Year
Service
Guaranteed

HYLOPLATE is a splendid composition blackboard and is guaranteed for ten years when properly installed.

Hyloplate composition consists of the finest wood pulp cemented under heavy pressure. The writing surface is produced by the application of five coatings of a special preparation of powdered carborundum called liquid slating, which gives the necessary bite for chalk, and yet leaves a velvet smoothness free from imperfections.

Hyloplate is light, thus helping to make it a very inexpensive practical blackboard easily installed.

Do not use water on Hyloplate. Sample mailed on request.

Black Hyloplate Per Square Foot, \$0.37½

Freight prepaid to any station in Western Canada.

Widths—3½ and 4 feet. Stocked in any length up to 12 ft.

Green Hyloplate Per Square Foot, \$0.42½

Freight prepaid to any station in Western Canada.

4 ft. width Blackboard is the Regulation Size and at least 30 lineal feet to each classroom.

See Page 32 for Blackboard Mouldings.

SIGN BOARDS FOR SCHOOL BUILDINGS

GLORIA SCHOOL DISTRICT No. 401
N.W. ¼ Sec. 25, Tp. 4, Rge. 21, W. 5-M.

Massive Board with projection bands, neatly painted White background Black letters.
Size 4 ft. long about 11½ in. wide. Price complete \$6.50

In ordering a Sign Board, be sure to let us have the name and number of the School District and the exact location of your school, giving description of the quarter section, the number of the section, township, range and meridian.

The
General
Utility
Pad.

THE
WONDER
POLISHER

Is really the 9th mar-
vel of the world be-
cause it is without
any equal.

You can polish your School Windows, etc., in less time with this Wonder Polisher than with any other Powder, Soap or Liquid actually on the market, without fear of scratching the most delicate surface. With it you can polish your Glassware, Mirrors, Cutlery, Gold, Silver, Nickel, Brass, Aluminum, Auto Windshield, etc., etc.

DIRECTIONS:—Moisten the bag and rub the article with it, then wipe article dry with a dry cloth. If the bag becomes dry, moisten again, and you will get brilliant results.

The Wonder Polisher replaces all polishes, powders, pastes and liquids at a fraction of their cost producing **A BRILLIANT POLISH.** It will polish as well when discolored by use as when new and can be used until worn out.

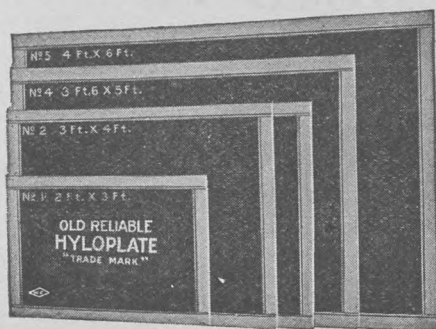
IT IS ALWAYS READY AND DOES THE WORK QUICKLY

Price only 50c

FRAMED BLACKBOARDS

FOR OFFICE, HOME AND SCHOOL

Made of Old Reliable "Hyloplate."

**STYLE C**

Writing surface on one side only.

15 x 18 in.	\$1.75
18 x 24 in.	2.25
24 x 24 in.	2.40
24 x 36 in.	4.00
24 x 48 in.	4.60
36 x 48 in.	7.50

STYLE B

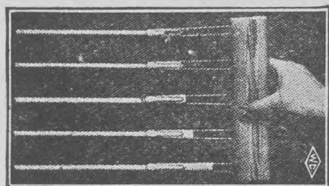
Writing surface on two sides.

No.	Size	Price
1	2 x 3 feet	\$ 7.50
2	3 x 4 feet	11.75
3	3 x 4½ feet	13.25
4	3½ x 5 feet	15.00
5	4 x 6 feet	20.00

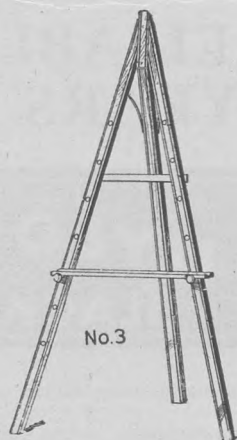
SLATED BLACKBOARD CLOTH

For making additional Blackboards, Small Spaces and for Temporary Blackboards.

Black, 36 in. wide, slated one side, per lin. yd.	\$1.65
Black, 48 in. wide, slated one side, per lin. yd.	2.35

RAPID BLACKBOARD LINER

For ruling
Blackboard
quickly and
accurately
for Music
and
Penmanship.
Price,
each, 55c
Postage 8c.



No. 3

**BLACKBOARD
EASEL**

No. 3—Height 6 feet
width of standards
floor 3 feet, complete
with pegs and chalk
rail \$4.

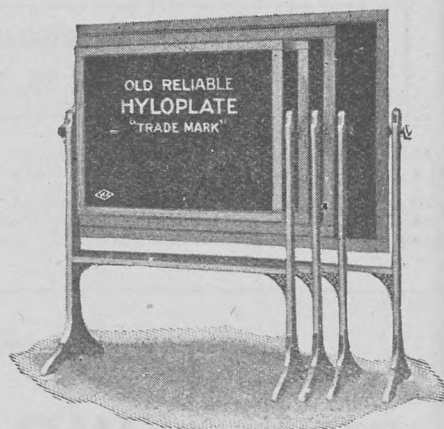
Freight or Express
Extra.

ROLL BLACKBOARDS

OF SUPERIOR QUALITY SLATED CLOTH



No.	Size	Finish on Tv Side
20	2 x 2 feet	\$1.
21	2 x 3 feet	2.
22	3 x 3 feet	2.
23	3 x 4 feet	3.
24	3 x 5 feet	4.
25	3 x 6 feet	5.

**STYLE "D" REVERSIBLE
BLACKBOARDS**

Made of genuine double thickness "Hyloplate," slated on both sides. Solid oak frame, in natural finish. Can be reversed instantly or easily taken apart.

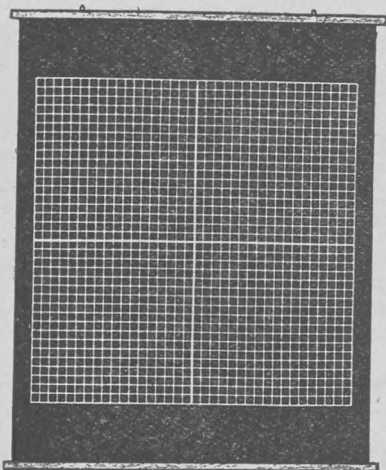
The hand screws at the side act as pivots and permit the Board being fastened at an angle.

When ordering give size as well as number.

No. 1D—3 x 4 feet	\$29.50
No. 2D—3 x 4½ feet	30.50
No. 3D—3½ x 5 feet	34.00
No. 4D—4 x 6 feet	39.00

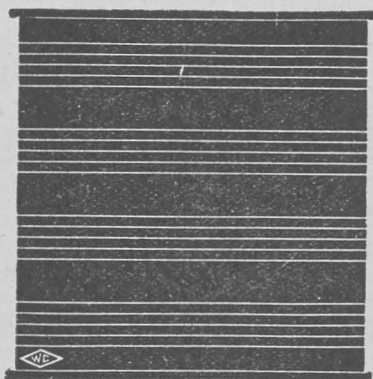
USE DOMINION DUSTLESS CHALK—SEE PAGE 36.

GRAPH CHARTS



The lines in Graph Charts are painted by hand in the same manner as Music Charts. Size of cloth, 40 x 50 inches. Size of outline, 36 inches. Lines blue, 1 inch apart. Axes red. Price \$8.00

MUSIC CHARTS



Moyer's Music Charts are ruled by hand on the best quality slated cloth. They hang flat and do not curl up at the edges. Lines are painted white on one side only.

No.	Size	Price
31	2 x 3 feet, 3 Staves	\$4.25
32	3 x 4 feet, 4 Staves	6.25
33	4 x 6 feet, 5 Staves	8.75

Mounted on Plain Rollers at Top and Bottom.
Special Sizes to Order.

BLACKBOARD LIQUID SLATING

For re-surfacing Blackboards



EMPIRE BLACKBOARD LIQUID SLATING

	Black	Green
Per Pint	\$1.00	\$1.75
Per Quart	1.75	2.50
Per ½ Gallon	3.25	4.00
Per Gallon	6.75	6.75

A gallon will cover approximately 600 square feet.

OLD RELIABLE HYLOPLATE RESURFACER

The Very Best

	Black
Per Pint	\$1.40
Per Quart	2.10
Per ½ Gallon	3.25
Per Gallon	6.00
Green Quart size only, per quart	2.60

The best Liquid Slating money can buy.

A Gallon will cover approximately 600 square feet.



MOYER'S SLATING BRUSHES

Brush to use with Liquid Slating. Black China Bristles, Set in rubber. Metal Ferrule. Good quality. 2¾ inches wide. Length of Bristles 2½ inches.

2¾ in. wide. Price each	\$1.00
3 in. wide. Price each	1.20
4 in. wide. Price each	2.65
5 in. wide. Price each	3.50

4 or 5 in. Brush recommended.

STEEL WOOL

(Fine Grade)



Cleans, smooths and polishes better than sandpaper or pumice stone. Recommended for cleaning old blackboards before re-slating and between coatings, also the last coat of slating should be gone over with steel wool to take off the skin on the surface so as to bring out the carborundum—the real biting quality in the slating. Price only 15c

COMBINE ALL YOUR REQUIREMENTS IN ONE ORDER

Blackboard Chalk Crayons



DOMINION CHALK—D803

White Dustless Crayons. The Best of all dustless School Crayons.

Per Gross 70c

Postage 25c

3 boxes for \$ 2.00

Case of 25 14.95

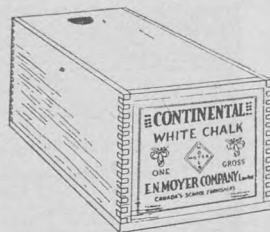


COLONIAL WHITE CHALK D855—Yellow Enamelled

Per Gross 50c

Postage 20c

Per dozen boxes, \$5.00



CONTINENTAL WHITE CHALK—D851

Per Gross 40c

Postage 20c

Per dozen boxes, \$4.25

OMEGA CHALK

D-801

WHITE DUSTLESS

Per Gross 80c

Postage 25c

10 Boxes for \$6.70



“ALPHA” DUSTLESS CRAYON

D-857



Per Gross Box 70c

Postage 20c

3 for \$2.00. 10 for \$6.50.

Case of 25, \$15.00

“HYGIEIA” DUSTLESS CHALK CRAYONS

Unquestionably one of the best crayons produced. Noiseless, dustless and antiseptic. Made from the purest grade material obtainable. One gross sticks in wooden box per box 70c

Postage 25c

3 for \$2.00. Case of 25, \$15.00

CHALK CRAYON HOLDER

For using small pieces of chalk and keeping the fingers from being soiled. Price, each... 15c. Per dozen... \$1.25



DOMINION COLORED CHALK CRAYONS

No. 1 Quality

No. D-805—One gross sticks, assorted colors, colors in wooden box. Red, Orange, Yellow, Green, Blue, Purple, Brown, Black.

Per gross box \$2.50

Postage 20c

No. D-809—Half gross sticks, assorted colors, colors in wooden box. Red, Orange, Yellow, Green, Blue, Purple, Brown, Black.

Per half gross box \$1.50

Postage 15c

Half Gross Sticks of One Color in Box.

D-835—Red; D-837—Orange; D-839—Yellow
D-841—Green; D-843—Blue; D-845—Purple; D-849—Brown; D-847—Black.

Per half gross box \$1.50

Postage 15c

PROVINCIAL COLORED CHALK CRAYONS

No. 2 Quality



No. D-807—One gross sticks assorted, as follows: Red, Orange, Yellow, Green, Blue, Purple, Brown, Black.

Per gross box \$2.50

Postage 20c

No. D-811—12 sticks assorted, 2 sticks each of the following colors: Red, Orange, Yellow, Green, Blue, Purple.

Per box of 12 sticks \$1.50

Postage 6c

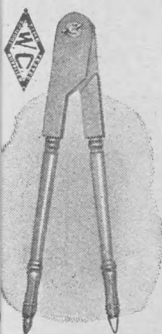
12 Sticks of One Color in Box

No. D-815—Red; D-819—Yellow; D-823—Blue
D-828—Brown; D-817—Orange; D-821—Green
D-825—Purple; D-827—Black.

Per box of 12 sticks \$1.50

Postage 6c

Blackboard Geometry Sets



D-573

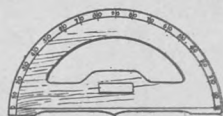


D-574

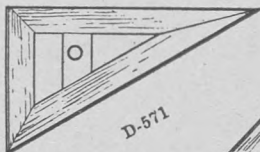


D-567

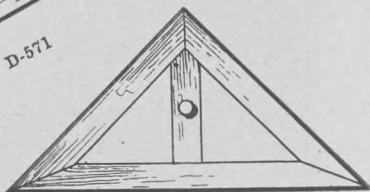
Made of Hardwood, Rubber Tipped. Screw eye in handle for hanging up.



D-569



D-571



D-572

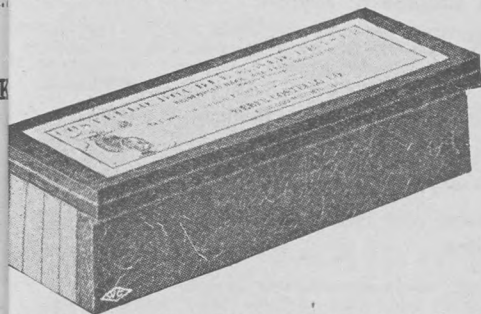


D-579

	Price	Postage
-567—Pointer, 36 in. long, each	\$0.25	.06c
-567—Pointer, 36 in. long. Per dozen	2.25	.20c
-578—T Square, 24 in. graduated in inches	1.00	.20c
-579—T Square, 36 in. graduated in inches	1.50	.20c
-571—Triangle or Set Square. 30°—60°. 18 in. graduated in inches	1.15	.10c
-572—Triangle or Set Square. 45°. 18 in. graduated in inches	1.25	.15c
-569—Protractor. 15½ in. long, graduated in divisions of 10°	1.35	.10c
-573—Compass. 16½ in. long	1.00	.10c
-574—Compass. 18 in. long. Solid Mahogany with Adjustable Holder	2.35	.10c

Double-Sewed Blackboard Eraser

No. 5—5 in. long, 2 in. wide, 1¼ in. deep



An all-felt double-seamed Eraser with reinforced back. Durable, sanitary, cleanly and efficient. Will outlast any other eraser.

Price, each 35c Postage 2c
3 for \$1.00. 12 for \$3.65.

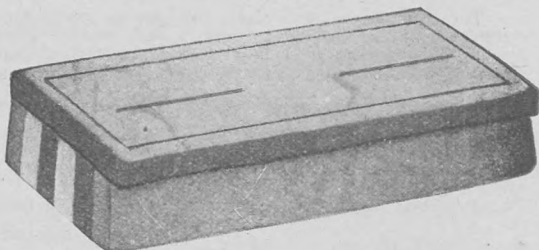
The Andrew's Dustless Felt Eraser No. 1



Made of felt, so applied that the rubbing is done at the ends of the fibre, consequently the Board cleaned more thoroughly and the wearing quality of Eraser increased.

Price, each 15c Postage 2c
4 for 45c. 12 for \$1.20

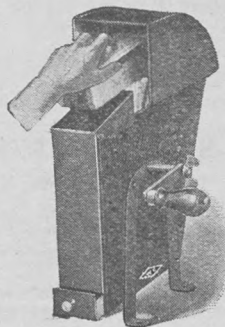
Moyer's Noiseless & Dustless Eraser No. 2



Made of best wool felt firmly glued to wood block, consequently it retains its shape and wearing quality. No hard substance to injure Blackboard. Absolutely noiseless and the wearing depth is five times greater than ordinary Erasers.

Price, each 20c Postage 2c
6 for \$1.15. 12 for \$2.25.

The New Sanitary Eraser Cleaner



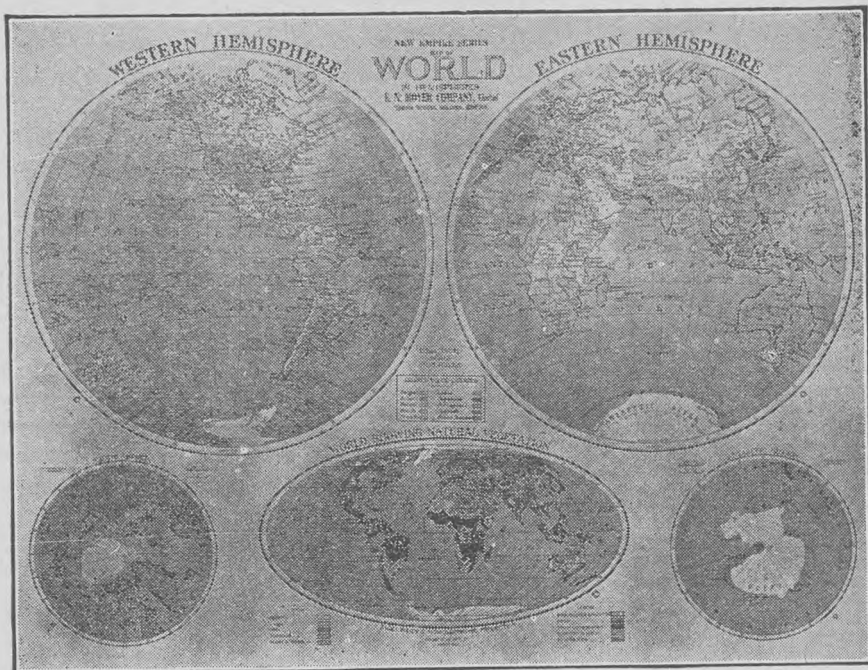
A splendid device for removing chalk dust from erasers. Operated easily and quickly. Adds life to erasers. Completely enclosed, no scattering of dust.

Price, each \$12.00
Postage, 40c

Moyer's New Empire Series School Wall Maps

WORLD IN HEMISPHERES

Three Sizes to Choose From



BRITISH EMPIRE MAP OF THE WORLD IN HEMISPHERES SIZE 80 x 60 INCHES

Showing the British Empire in Red

The Hemisphere Map comes next to the Globe for teaching continent proportion. On this one is clearly delineated the great World Facts in such manner as to quicken the students' interest and perception.

While supplying clearly the general physical and political information of a World Hemisphere it affords a special medium for teaching Empire facts.

Also a Philips' Production therefore "The Best"

Continents and Countries have distinct coloring and very plain lettering.

Diagrams inset showing comparative length of Rivers and heights of Mountains.

Colored diagram showing comparative areas of the principal Empires of the world and also of British possessions.

Principal Railways and Steamer routes of all Continents very clearly marked.

MOUNTINGS

On wooden rollers at top and bottom. Price each \$1.00
 Mounted with wooden roller at bottom, spring roller at top, ready for insertion in map case 1.00
 Mounted with wooden roller at bottom and spring roller at top, with portable board and hangers, 1.00
 Price each

For Illustration of Spring Roller with Portable Board and Hangers, see Page 47.

PHILIP'S POLITICAL HEMISPHERE WORLD SIZE 68 x 54 INCHES

For full description see page 42

In Maps, as in other things, there are degrees of quality. Among them Philips' Maps are universally acknowledged to be in one class only—The Best. This place is conceded them on their high standard of material and workmanship.

Mounted on Common Rollers, price each \$1.00
 Mounted on Spring Rollers, for Map Case, price each 1.00
 Mounted on Spring Rollers with Portable Board and Hangers, price each 1.00

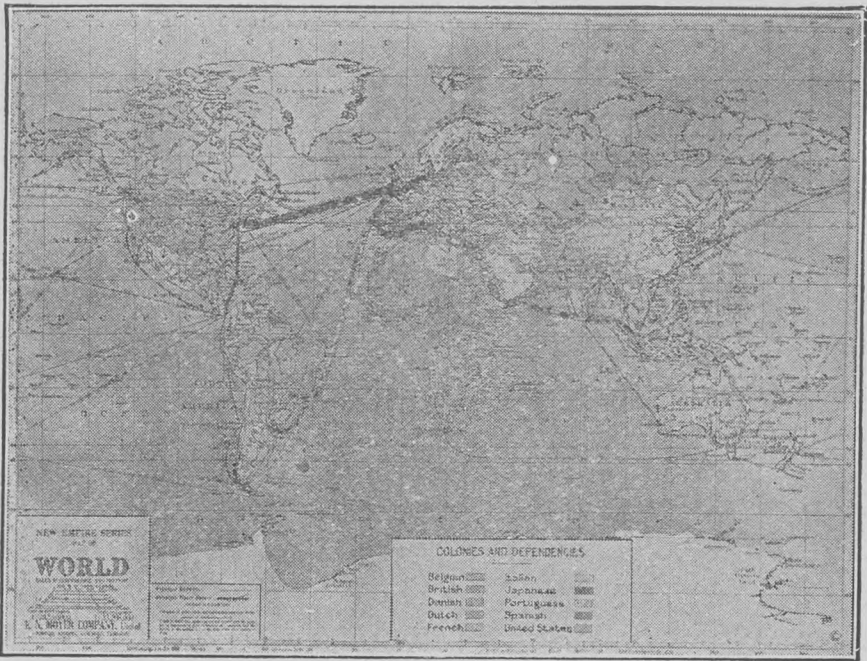
SMALL HEMISPHERE WORLD SIZE 40 x 52 INCHES

To meet the need of the little school and the smallest class, we introduce a Hemisphere World, reduced size. It will be welcomed for the help it affords in giving the class the world viewpoint, emphasis on Trade Routes, their length and relative importance, is a worth while feature.

Mounted on Common Rollers, price each \$1.00
 Mounted on Spring Rollers, for Map Case, price each 1.00
 Mounted on Spring Rollers with Portable Board and Hangers, price each 1.00

Gall's Geographic Map of the World

Size 40 x 52 inches



GALL'S WORLD MAP

Rapidly and accurately the important commercial phases of geography are impressed on the mind by the scheme of this New Map. The political and physical features are so clearly shown. It brings home the important fact of variation in scale at different latitudes on flat-projection maps.

- Mounted on Wooden Rollers Top and Bottom, each \$6.75
- Mounted on Wooden Rollers at the bottom, Spring Rollers at the top, ready for insertion in case 8.25
- Mounted on Wooden Rollers at the bottom, Spring Rollers at the Top, with Portable Board and Hangers 8.75

Philip's Mercator World

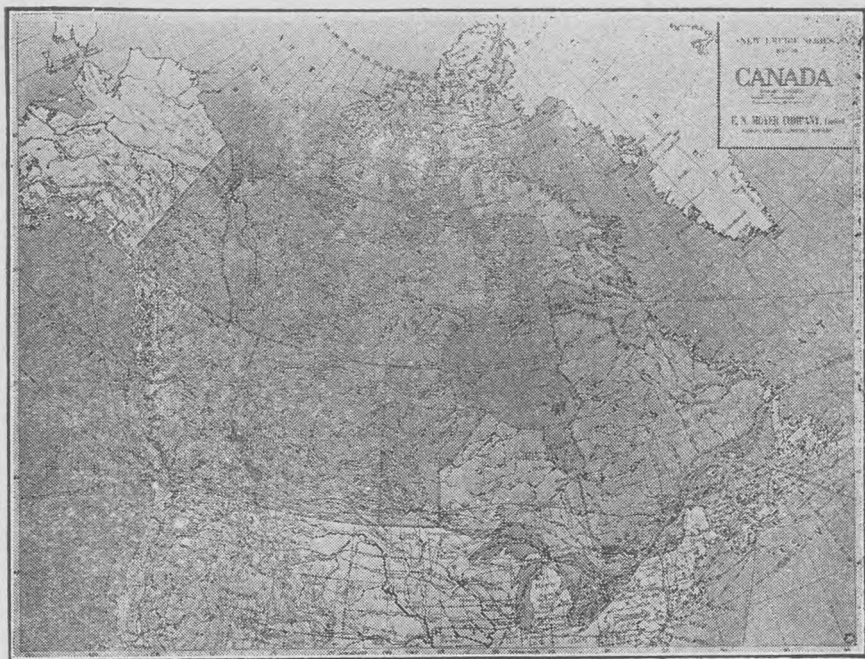
Size 68 x 54 inches

Depicting on one unbroken surface the land and water masses. The old reliable Mercator projection, yet showing all the recent political changes and the routes of modern trade.

- Mounted on Wooden Rollers top and bottom. Price each \$9.50
- Mounted on Wooden Rollers at the bottom, Spring Rollers at top, ready for insertion in case 11.50
- Mounted on Wooden Rollers at the bottom, Spring Rollers at top, with Portable Board and Hangers 12.50

Moyer's New Empire Series School Wall Maps

DOMINION OF CANADA AND NEWFOUNDLAND



THE STANDARD SCHOOL MAP OF OUR DOMINION. SIZE 80 x 80 in

Drawn and Lithographed by Geo. Philip and Son Ltd. London, England, Map Makers to the Schools of the British Empire.

Some Reasons why this Map of Canada is Particularly Desirable.

- (1) All provincial and territorial boundaries up-to-date and very distinctly marked.
- (2) Location of natural resources clearly indicated in red.
- (3) All northern territory, Arctic Circle complete and North Pole shown.
- (4) National Parks, railway lines, physical features, and latest surveys plainly marked.
- (5) National Railways, Canadian Pacific Railway, and independent railways shown in different colors.
- (6) All important towns and cities marked differently as to population; provincial capitals have distinctive markings.
- (7) Descriptive key simplifies map reading.
- (8) Mounted on specially prepared English linen without seams.
- (9) Important features plainly seen across largest class room.
- (10) Sea Routes and Distances to World Ports.

MOUNTINGS

- Mounted on Wooden Rollers at Top and Bottom. Price each \$10
- Mounted with Wooden Roller at Bottom, Spring Roller at Top, ready for insertion in Map Case. Each 14
- Mounted with Wooden Rollers at the Bottom and Spring Rollers at the Top, with Portable Board and Hangers. Price each 14

DOMINION OF CANADA, 40 x 52 inches

To meet the need of the little school and the smaller class we have added to our New Empire Series a Map of Canada of suitable size, up-to-the-minute. All the necessary requisites of a good school map are retained yet there is no cramping of type. Latest data on commercial routes.

- No. 4—Mounted on Wooden Rollers top and bottom. Price each \$6
- No. 5—Mounted with Wooden Rollers at the bottom and Spring Rollers at the top, ready for insertion in Map Case \$1
- No. 6—Mounted with Wooden Rollers at the bottom and Spring Rollers at the top with Portable Board and Hangers. Each \$8

WE LEAD IN MAPS

New Empire Series School Wall Maps



The utmost care is taken in making New Empire Maps. They are accurate in every detail and very attractively colored. They are as up-to-date as it is possible to make maps.

All of our maps are mounted on specially prepared map linen. They are not to be confused with cheap paper prints which are prepared at little expense and are dear at any price.

Our maps are all Map. Many competitive Maps have wide borders which much reduces the size of the actual map. Insist on New Empire Maps—They are the Best.

LIST OF THE SERIES

North America, 40x52	Europe, 41x60	British Isles, 41x60
Canada, 40x52	Asia, 41x60	United States, 41x60
World in Hemispheres, 40x52	Africa, 41x60	Eastern Hemisphere, 41x60
World Gall's Projection, 40x52	Australia, 41x60	Western Hemisphere, 41x60
South America, 41x60		

See Above Map for Plain Roller Mounting

Single Maps—Mounted with Plain Wooden Rollers at top and bottom \$6.75

Single Maps—Mounted on Plain Wooden Rollers at bottom, Spring Rollers at top, ready for insertion in Map Case, each 8.25

Single Maps—Mounted on Spring Roller with Portable Board and Hangers (this style preferable), each 8.75

See Bottom of Page 47 for Illustration of Spring Roller Mounting.

EQUIP YOUR SCHOOL WITH GOOD MAPS. IT'S WORTH WHILE.

PHILIPS' SERIES OF LARGE SCHOOL WALL MAPS

NEW MAPS



LIST OF MAPS IN THIS SERIES

Canada	Asia	British Isles	Hemisphere World	India
North America	Africa	United States	England	Ireland
South America	Australia	Mercator World	Scotland	Palestine
Europe				

SIZE OF MAPS 68 x 54 INCHES

Drawn and lithographed by Geo. Philips and Son Ltd., London, England

SOME OUTSTANDING FEATURES

(1) The Maps that are "ALL MAP." The space usually devoted to border is used in these maps to enlarge the scale and show larger land areas.

(2) All political divisions are shown by bright and harmonious bands of border colors.

(3) Every inch in the sheet is occupied with something that "SPEAKS TO THE STUDENT." All names are easily read.

(4) All information essential to a school map is printed but no unnecessary detail is given to obscure the important features.

Mounted on Wooden Roller at top and bottom. Price each \$9.50
 Mounted on Wooden Roller at bottom and Spring Roller at top, ready for insertion in Map Case. Each 11.50
 Mounted on Wooden Roller at bottom and Spring Roller at top with Portable Board and Hangers. Price each 12.50

See Page 47 also Above Map for Illustration of Spring Roller Mounting.

WE LEAD IN MAPS

Philips' Series of Physical School Wall Maps

WITH NAMES

This Series is NOT for Beginners but for Advanced Students



MADE IN ENGLAND

Special Features

Physical Features are given special prominence. Shades and tints indicate the land elevations and water depths. The coast lines, rivers, lakes, etc., are well defined and lithographed in blue.

Uniformity of Scale and Comparison of Areas. To emphasize the comparative areas of the various regions of the world a uniform scale has been used for the Maps of the Continents.

The Political Boundaries are clearly shown by red lines, the Towns by red circles, varying in size according to importance, and the railways by black lines. The principal ocean routes with their distances are given.

LIST OF THE SERIES

North America, 74x59 in.
South America, 74x59 in.
Europe, 80x63 in.

Asia, 80x67 in.
Africa, 74x59 in.
Australia, 72x48 in.

British Isles, 74x59 in.
Australasia, 80x63 in.

Price per Map on Linen and Rollers	\$11.00
Price per Map on Spring Roller, ready for insertion in Map Case	13.50
Price per Map on Spring Roller and Portable Board and Hangers	14.50

See Page 47 for Illustration of Spring Roller, Portable Board and Hanger

WE LEAD IN MAPS

New Empire Series Map of Ontario

By Messrs. Geo. Phillips & Son Ltd., London, England



Showing each County in a separate color—Townships, with names. Post Office even to the smallest, are clearly marked and distinctly lettered. The Railroads are marked to distinguish between the Canadian National and Canadian Pacific.

This Map is drawn on one scale, and gives the very latest information. It has been carefully compiled from the most recent surveys.

Mounted on the same superior linen as all our Maps.

Size 80 x 80 Inches

Mounted on Linen, with wooden rollers top and bottom. Each	\$10.9
Mounted on Linen, wooden roller at bottom, spring roller at top, ready for insertion in Map Case	14.0
Mounted on Linen, with spring roller and portable board and hangers. Each	14.9

(See Page 47 for Illustration of Spring Roller Mounting, also above Map).

BUY OUR ENGLISH MADE MAPS

New Empire Series Western Canada

MANITOBA. size 41 x 72 inches. Fourth Edition shows clearly Sections, Townships, Ranges, Municipalities, Post Offices, Rivers, Falls, Lakes, Mountains, Railway Lines, Main Roads, and Trails. The Boundaries of the Municipalities are tinted with their names in vermillion.

Mounted on Common Rollers	\$7.50
Mounted for Case	8.50
Mounted on Common Rollers with Backboard	9.00

SASKATCHEWAN, size 41 x 72 inches. This Map is gotten up along similar lines to Manitoba with this difference, that the Municipalities are numbered instead of named. The Judicial Districts and Boundaries of the Land Registration Districts are clearly shown and named.

Mounted on Common Rollers	\$7.50
Mounted for Map Case	8.50
Mounted on Spring Rollers with Backboard	9.00

ALBERTA, size 41 x 72 inches. Sixth Edition. The Map of Alberta is the same style as Saskatchewan, and the fact that the sixth edition is nearly sold out speaks for its popularity.

Mounted on Common Rollers	\$7.50
Mounted for Map Case	8.50
Mounted on Spring Rollers with Backboard	9.00

BRITISH COLUMBIA. 60 x 60 inches. Messrs. Geo. Philips & Sons Limited, of London, England, have drawn and lithographed these four Maps which is a guarantee of their superiority. Not only are they excellent School Maps, but are also specially valuable as Office Maps.

Mounted on Common Rollers	\$7.50
Mounted for Map Case	8.50
Mounted on Spring Rollers with Backboard	9.00

ALBERTA, SASKATCHEWAN AND MANITOBA, size 81 x 55 inches. Scale 15 miles to the inch, shows all railways, roads, and trails, cities, towns, villages, and trading posts, lakes and their elevation; rivers with their sources and rapids, mountain ranges, meridians, height of land and water sheds, townships and the range numbers. New edition, published in January, 1927, right up to date.

Price, Mounted on Common Rollers	\$15.00
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This same map mounted on heavy spring Map Roller and Portable Board, extra \$4.75.

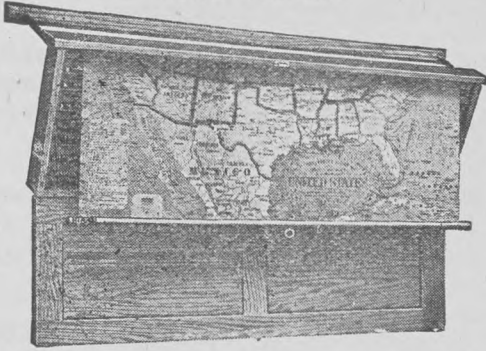
MARITIME PROVINCES. This map gives full details of Counties, Railroads, and Post Offices in the Provinces of New Brunswick, Nova Scotia, and Prince Edward Island. Each shown in separate colors.

Mounted on Common Rollers	\$ 8.50
Mounted for Map Case	10.50
Mounted on Spring Rollers with Backboard	11.75

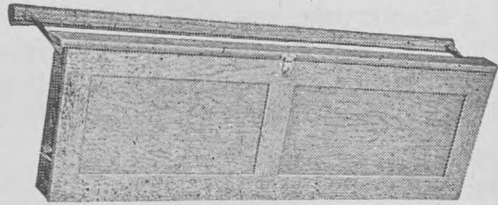
New Empire Map Cases

MOYER'S DROP DOOR MAP CASE WITH TILTING HANGER

Hanger Patented



Illustrating Drop Door Case with Tilting Hanger—Case Open



Illustrating Drop Door Case with Tilting Hanger—Case Closed

In the ordinary Drop Door Case a map when pulled down rubs on the one below it and is soon worn out. This is entirely overcome through the use of this special Patented Hanger, which allows each map to hang free from the one below it. The hanger holds the case firmly in a tilted position. Method of hanging and special fixture for holding spring rollers explained in the illustrations. Golden Oak Finish.

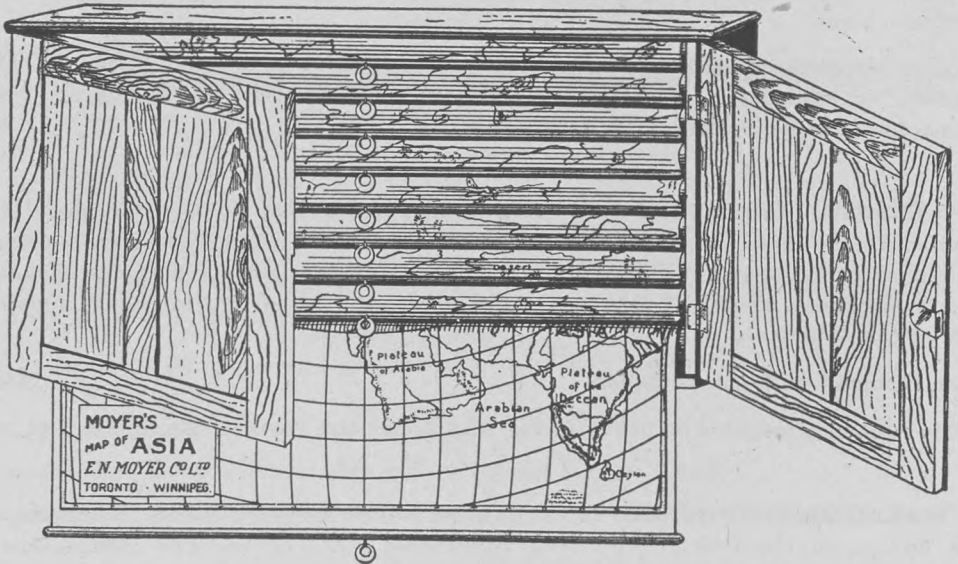
MAP CASES

Case 54 in. long inside measurement, to hold 8 Maps	\$18.00
Case 68 in. long inside measurement, to hold 8 Maps	27.50
Case 82 in. long inside measurement, to hold 4 Maps	30.00

SPRING ROLLERS

Complete with brackets supplied separately.

43 in. long x 1½ in. diameter	\$1.40	68 in. long x 1½ in. diameter	2.75
54 in. long x 1½ in. diameter	1.65	80 in. long x 1½ in. diameter	3.40
60 in. long x 1½ in. diameter	1.85		



STYLE "B"

Style "B"—Length 44 inches to hold 10 Maps. Each	\$15.00
Style "B"—Length 70 inches to hold 8 Maps. Each	20.00

THE FLAG MAP

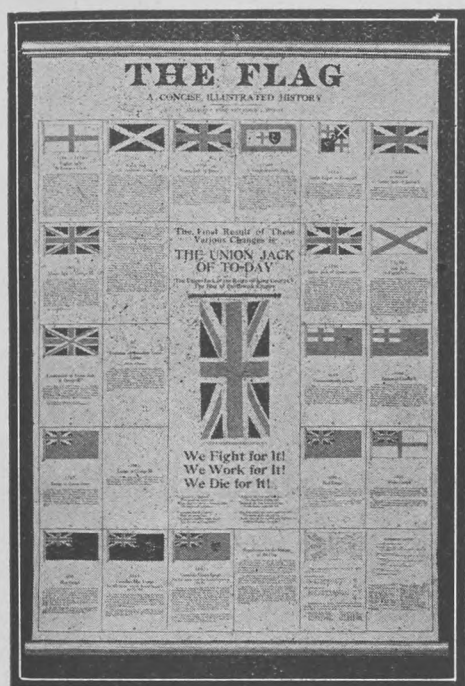
This Map shows in detail and by explanation the entire History of Our Flag.

Printed in accurate colors and every step in the development of the Flag clearly and accurately shown.

No school in Canada should be without one. They are mounted on Plain Rollers.

Size 22 $\frac{3}{4}$ x 36 inches

Price \$2.25



TWENTY OUTLINE MAPS

North America
South America
Europe
Asia
Africa
Australia
United States
British Empire
British Isles
Canada
British Columbia
Alberta

Saskatchewan
Manitoba
Ontario (Southern part)
Ontario (including Patricia)
Quebec
New Brunswick
Nova Scotia and Prince Ed. Island
Canada's Transcontinental Ry. Lines

Set of 20 Maps for 25 cents, postpaid

Or we supply any maps in the list at 95 cents per 100. No order accepted for less than 20 maps.

These Outline Maps are just what you need for teaching the

Physical Features
Industries, Manufactures
Cities and Seaports
Climate, Products and Vegetation
Political Divisions
Transportations, Exports and Imports

The chief cities are marked (without names) by numbers, thus making the Maps very useful in reviewing the chief commercial centres, ports, and important cities.

Rivers and mountains can be sketched, capes, bays and lakes marked. In fact there is scarcely anything in geography that cannot be better taught with the aid of these outline maps.

Our Book, A YEAR IN GEOGRAPHY, price 15 cents, contains questions, etc., based on the above OUTLINE MAPS, and is invaluable to teachers and pupils.

MAP MOUNTING

Our Map Mounting Department is in a position to serve you to advantage. Maps, Plans, Blue Prints, Tracing Paper, Advertising Cards put up in neat and serviceable form, either on common rollers, spring rollers, or in sections to carry in your pocket.

DESK OUTLINE MAPS

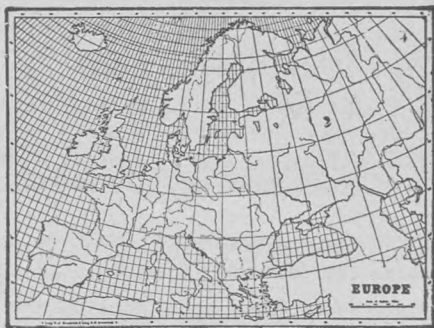
Size 10 $\frac{1}{2}$ x 15 inches

These maps are lithographed (not printed) on good quality bond paper, carefully selected to take ink or colored crayons.

In both geography and history pupils are greatly aided in getting clear concepts of location by placing the data on the maps themselves.

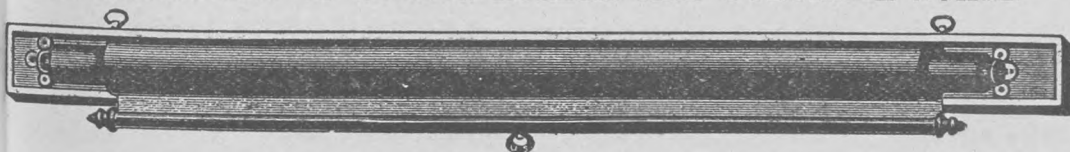
LIST OF THE SERIES

No.	No.
DD 2—Europe	DD11—Canada
DD 3—Asia	DD12—British Isles
DD 4—Africa	DD28—Central Europe
DD 5—North America	DD36—Mediterranean Lands
DD 6—South America	DD84—Continental Greece
DD 7—Eastern Hemisphere	DD90—Roman World
DD 8—Western Hemisphere	DD99—World—Mollweide
DD 9—World Mercator	DD178—Great Lakes Region
DD10—Australia	



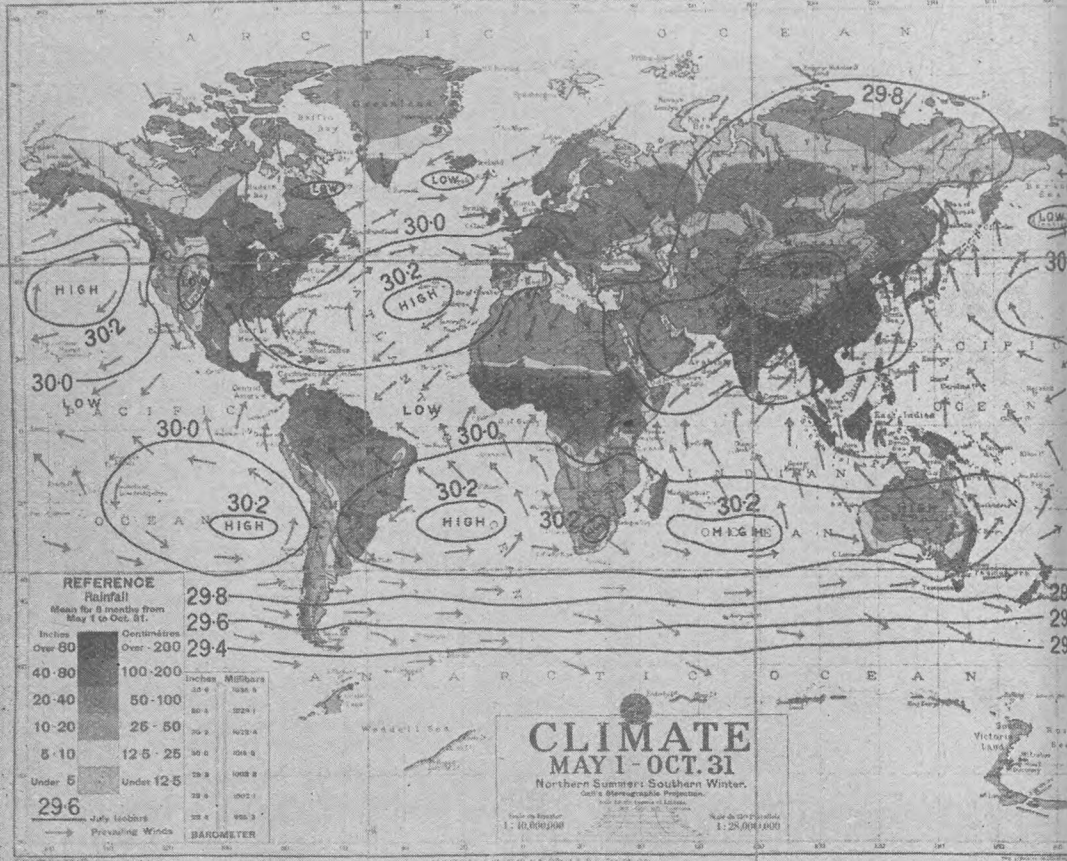
In Small Quantities (Less than 50 of a Kind), each	\$0.05
In Envelopes of 50 of One Kind, per Envelope	2.00
In Envelopes of 50 Assorted, per Envelope	2.25

ILLUSTRATION OF SPRING ROLLER AND PORTABLE BOARD



LET HAND AND BRAIN WORK TOGETHER

PHILIPS' COMPARATIVE WALL ATLAS OF WORLD-RELATIONS



PHILIPS' COMPARATIVE SERIES OF WALL ATLASES

Published in Great Britain

Carried in the following titles:

- | | |
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| Set 1.—Europe | 8 Maps in a Set |
| Set 2.—Asia | 8 Maps in a Set |
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|----------------------------------|-----------------|
| Set 5.—South America | 8 Maps in a Set |
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| Set 8.—World Relations. | 8 Maps in a Set |

Sets of Continents Nos. 1 to 7, each contains the following 8 maps:

- Relief of Land and Communications
- Political and Communications
- Climate—Summer Conditions
- Climate—Winter Conditions
- Temperature
- Annual Rainfall
- Economic
- Density of Population

The World Relations Set (No. 8) contains following 8 maps:

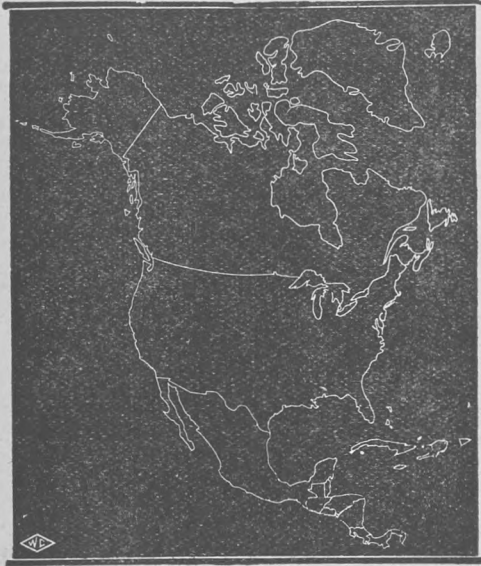
- Relief of Land and Communications
- Political and Communications
- Climate—Summer Conditions
- Climate—Winter Conditions
- Temperature
- Annual Rainfall
- Natural Vegetation
- Density of Population

The sets shown on this page are each composed of 8 maps, size 43 ins. by 33 ins., lithographed in five colors, mounted on cloth, dissected to fold, with eyelets, in strong cardboard case; complete with handbook.

Price per set \$25.00 Individual Maps, each \$4.00

MOYER MAPS ARE OF THE VERY BEST MATERIAL

Standard Series Blackboard Outline Maps



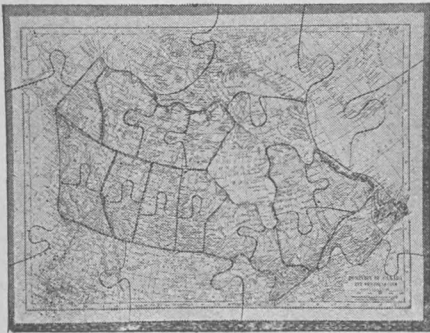
Reverse side can be used for Blackboard work of any kind as it is slated like the front but perfectly plain. Serving as it does, Two Distinct Purposes, it is very valuable in any School Room.

No.	Map	Size
W 1	Africa	50x60
W 3	Asia	60x50
W 5	Ontario	50x60
W 6	Australia	60x50
W 7	British Isles	50x60
W 8	Canada	60x50
W 9	Eastern Hemisphere	50x60
W10	Eurasia	60x50
W11	Europe	60x50
W13	North America	50x60
W17	Palestine	50x60
W18	South America	50x60
W20	Western Hemisphere	50x60
W24	United States	60x50
W25	World, Mercator's Projection	60x50

Mounted on Plain Wood Rollers top and bottom. Each \$9.50

Mounted on Plain Roller at bottom, Spring Roller at top, attached to Portable Board and Hangers. Each 12.00

Map Puzzles



These are jig-saw puzzles of maps that are dissected on county or province lines. Accurate maps printed in bright colors are carefully mounted on a special composition board. They are then sawed into many intricate pieces, most of them representing the size and shape of the sub-divisions.

Assembling these pieces into complete maps is both entertaining and instructive as it encourages the study of geography.

Canada	Price 75c, postage 10c
North America	Price 75c, postage 10c
Europe	Price 75c, postage 10c
World	Price 75c, postage 10c

Each in strong cardboard box.



These boards are a necessity in every school house.

They pay their way.

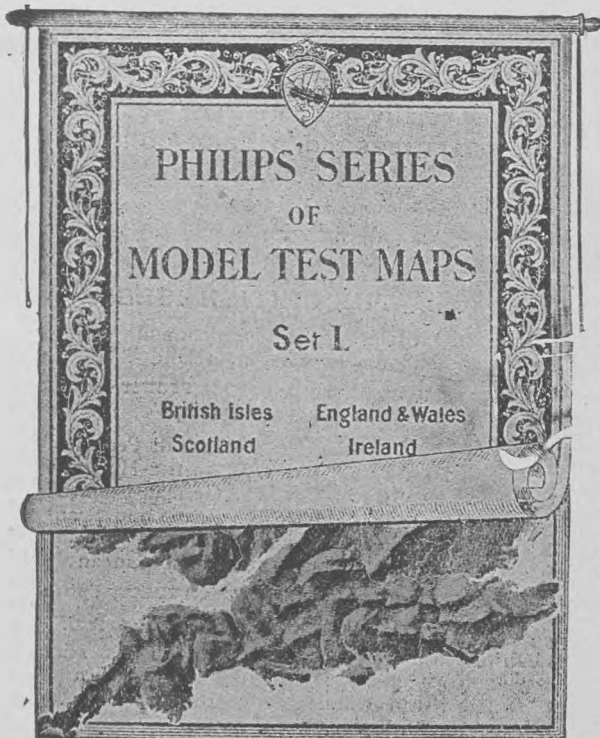
Frequent announcements of all events either in printed or typed form may be attached—a push pin or thumb tack is all that is necessary.

Save the walls, wood-work and blackboards.

Made of Superior Cork—cemented on a firm, durable backing. Frames of hard wood, 2 inches wide.

No. 2F—Size 18 x 24 in., each\$5.00

No. 3F—Size 24 x 36 in., each 9.00



Model Relief Maps

INVALUABLE AIDS FOR TEACHING GEOGRAPHY

The Publishers have the utmost confidence in submitting this unrivalled series of Photo-Relief Maps to all Teachers of Geography. The physical features are shown in a very realistic and striking manner. Where relief models cannot be afforded, these Maps will be found excellent substitutes. Size of Maps, excluding margin, 30 x 25 inches.

LIST OF THE SERIES

Europe	Indian Empire
British Isles	Asia
England and Wales	Africa
Scotland	South Africa
Ireland	South America
France, Spain and Portugal	North America
Austria-Hungary, Italy, and Balkan Peninsula	British North America and United States
Central Europe	Australia and New Zealand

Single Maps on Cloth and Rollers \$2.95

Chart of Canadian Birds

Size 40 by 30 inches

Over 80 Birds are shown, lithographed in Natural Colors. Destructive and Insectivorous species are distinctly marked, and birds of prey are grouped separately.



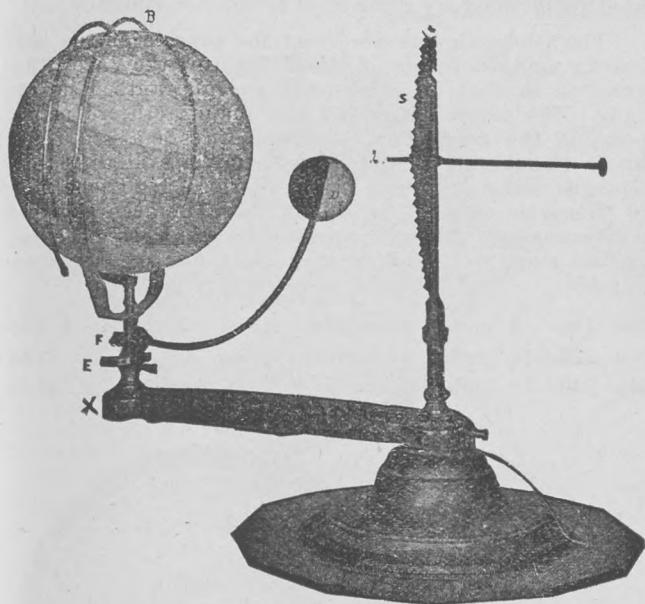
This chart is a practical help in nature study and drawing, and is both useful and decorative for schoolrooms, nurseries, public and private libraries.

Both Common and Scientific Names printed under each bird.

Price—Mounted on Common Rollers \$3.00

IF IT'S SCHOOL EQUIPMENT WE HAVE IT

The Andrews Colored-Zone Lunar Tellurian No. 101



Price
\$44.50

ILLUSTRATES CLEARLY

1. Revolutions. The earth around the Sun and the Moon around the Earth.

2. Rotations: The daily of the Earth and the monthly of the Moon.

3. Eclipses: Solar and Lunar; total, partial, annular; why and when they occur.

4. The inclination and parallelism of the Earth's axis, and how these help to produce the changes of seasons.

5. Day and Night. Their variation of length with latitude and season; the nightless days and dayless nights of the polar zones; the unvarying length of equatorial days.

6. The Sun's rising north of east in summer and south of east in winter. The "Midnight Sun."

7. The twilight variations for all the latitudes and seasons and the cause of the variations.

8. Longitude and its relation to Time; The Solstices and the Equinoxes.

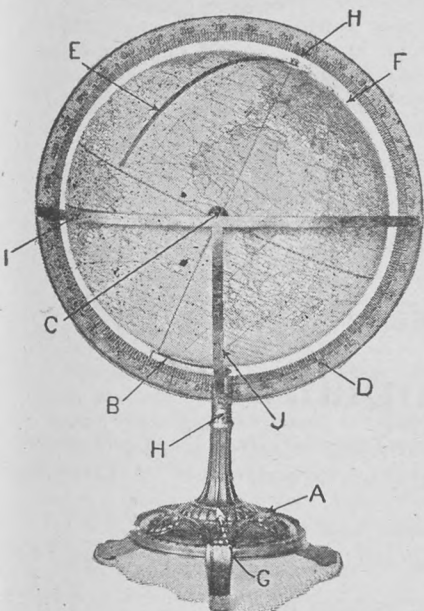
9. The Equation of Time: Sun fast and Sun slow of clock and the reasons.

10. The Moon above and below the ecliptic.

11. The "wet" and "dry" moons.

12. The Philosophy of the Tides.

Costello Solar Demonstrating Globe



TWO GLOBES IN ONE

12 in. Ball

Patent Applied For

Copyrighted 1922

To the student this Globe demonstrates the fundamental Relations of Sun and Earth. The continually changing phenomena of the seasons and of day and night are due to three great causes, the first two of which are apparent motions of the sun produced by two real motions of the earth, while the third cause is a permanent inclination of the earth's axis.

The Earth's Daily Motion. Cause of Night and Day.

The Earth's Yearly Motion. The Seasons. Why summer is hot and winter is cold.

The Earth's two motions combined.

The Time of equal Days and Nights.

The foregoing facts are covered in the manual and are made clear by using the Costello Solar Demonstrating Globe.

Price \$25.00

YOU SHOULD HAVE A TELLURIAN IN YOUR SCHOOL

SCHOOL GLOBES

Plain Stand Globes



Plain Stand

Forty-one years of experience in Globe making are behind these Globes, and in mechanical construction and finish they are neither excelled nor equalled.

The Globe Covers are from the presses of the best known manufacturers of Great Britain; they are lithographed in fast oil colors and are guaranteed not to fade. The large output of the manufacturers makes possible the production of Globe Covers at all times up to the minute in detail and showing all the latest changes and corrections in boundaries. No Globe Map of domestic production equals these in accuracy and workmanship. Though much more expensive, the imported maps are used because they are the best procurable.

No. 210— 8 inches diameter.	Price	\$ 6.50
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No. 240—18 inches diameter.	Price	34.75

Stationary Meridian Globes

This series is fitted with a Stationary Meridian which is graduated on both sides.

Fitted with patented two-piece Spring Axis. A very fine globe for school use.

Imported lithographed map.

No. 212— 8 inches diameter.	Price	\$ 8.90
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Stationary Meridian

The Geoplanus

A Collapsible Globe Map of the World beautifully colored and glazed. Full instructions for putting together. Circumference of 12 inches. Equipped with complete standard.

With the Geoplanus, a globe for every desk is possible.

Recommended and used by Normal Schools and Summer Schools for Teachers.

Price Only 30c; postage 3c

FIFTY-EIGHT PAGE MANUAL WITH EACH GLOBE



WORLD GEOGRAPHY OF GROWING IMPORTANCE— USE MORE GLOBES

Two things have made geography more important to-day than ever before—speedier transportation, and the modern newspaper.

Products from Canada are now being exported to every part of the globe—and foreign products are imported to this country in return. This morning's newspaper has news from China that was transmitted by cable. Be sure that your school children know their geography. These modern globes will help them.

FULL MOUNTED GLOBES



Full Mounted Globe, Stationary
Meridian

Stationary Meridian with graduations on both sides; 8 and 12-inch size fitted with the Costello copyright time horizon, showing the difference in time between any two points in the world. Has two-piece patent spring axis. Imported lithographed map.

No. 214—8 inches diameter.	Price	\$10.75
No. 224—12 inches diameter.	Price	16.75
No. 244—18 inches diameter.	Price	43.75

REPAIRS FOR GLOBES

The Meridians of our Globes are the only parts that are liable to get out of order through accidents. These may be replaced at following prices:—

8 inch Meridian for stand Globes Nos. 212, 214, 216. Each	\$2.50
12 inch Meridian for stand Globes Nos. 222, 224 or 225. Each	3.50
18 inch Meridian for stand Globes Nos. 242, 244, 245. Each	6.50
12 inch Meridian for hanging Globe. Each	3.50
18 inch Meridian for hanging Globe. Each	6.50

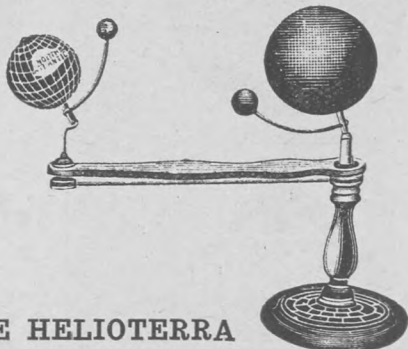


Full Mounted Globe, Moveable
Meridian

OUR BEST STAND GLOBES

Moveable Meridian with graduations on both sides, 8 and 12-inch size fitted with the Costello copyright time horizon, showing the difference in time between any two points in the world. Has two-piece patent spring axis. Imported lithograph map.

No. 215—8 inches diameter.	Price	\$12.75
No. 225—12 inches diameter.	Price	18.75
No. 245—18 inches diameter.	Price	47.50



THE HELIOTERRA

For teaching Mathematical Geography, showing Sun, Moon, Earth, Mercury.

Length	16 inches
Height	12 inches
Width	8 inches

As arm moves around, the axis of the earth points automatically in the same direction.

Price	\$8.75
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A SCHOOL'S EQUIPMENT IS INCOMPLETE WITHOUT A GLOBE

Hanging Globes



VERY HIGHLY RECOMMENDED

If the first impression is the most lasting, why not create the correct impression in the study of Geography at the beginning? The study of Geography from a flat map is like squaring the circle, and the result is a distorted idea of size, relative position and distance. The only correct way to study Geography is to use an up-to-date Globe, and the most practical one today is The Suspended Globe.

This Globe can be seen by the pupils all over the room, and conveys to the pupil's mind the correct position of the earth—floating in space. All the earth's movements are easily shown.

It takes only a few minutes to put up one of these globes, and in schools where only one globe is purchased, extra hangers can be used and the globe can be unhooked and carried from room to room. It is very light in weight, and as it is perfectly counterbalanced it can be raised and lowered without any effort.

It is always up out of the way when not in use, consequently no valuable space is lost, and there is absolutely no danger of its falling.

It is suspended by means of a strong sash cord and counter-balance weight. It may be raised and lowered at will.

The patented clutch is made from pressed steel and is frictionless.

The globe rotates, not only on its axis, but may be rotated on every conceivable diameter. With it, Day and Night, Change of Seasons, Twilight, Sun's Declination, etc., are clearly explained. Made in 12 and 18-inch sizes only, with moon ball weight.

No. 227—12-inch Ball	\$14.75
No. 247—18-inch Ball	39.50

CELESTIAL GLOBES

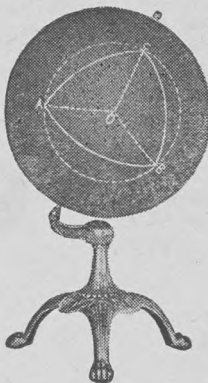


On the 12-in. size, all stars, including those of the eighth magnitude, are shown, while the 18-inch size includes all of the sixth.

May be had in any of the regular mountings. Order by number, specifying "Celestial."

604—12 in., each	\$14.50
704—18 in., each	37.50

SLATED GLOBES



We supply Slated Globes in 8, 12 and 18-in. sizes, and in any of the regular mountings. Hyloplate blackboard surface, the best of all surfaces, is applied to a special composition foundation. A most excellent writing surface is secured.

801—8 in. slated Globe	\$6.50
804—12 in. slated Globe	11.50
904—18 in. slated Globe	34.75

WIRE STAND GLOBE



Mounted on substantial wire stand. Maps accurate and constantly kept up-to-date, showing all the latest geographical changes.

Each globe packed in separate paper carton. Often purchased for the individual use of the geography class.

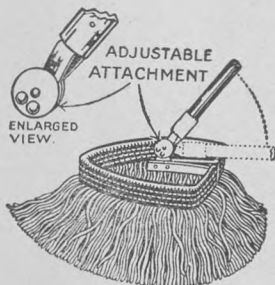
No. 66—6 inch Ball	\$1.00
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YOU HELP US—ORDER EARLY—WE HELP YOU

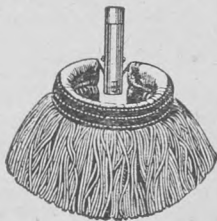
JANITORS' SUPPLIES

Beware the Oil-Soaked Mops!

All oil-soaked mops and dusters are injurious to the furnishings and trimmings in the school and home. Those treated in this way smear the furnishings, mar the walls, and remove wax from highly-polished wood-work, affecting the shades and scattering greasy dirt about. This is easily demonstrated by using a truly "Chemically Treated" Duster—following oiled mops.



Triangular Dry-Dusting Mop, \$1.50



Circular Dry-Dusting Mop, \$1.65



Dry-Dusting Floor Polisher, No. 2—14 in., \$2.25



DUSTLESS DUSTING CLOTH

No. 1, 25c; No. 2, 35c;
No. 3, 45c.

A fine silky fabric—Chemically treated to absorb and disinfect every particle of dust—gathers the lint in a marvelous way instead of flitting it about. Renews the varnish lustre, saves expensive washing charges, and reduces your own labor.

No. 1 HANDLE DUSTER

Price 75c.

A handle duster made with Chemically treated yarn. This is a strong duster suitable for desks, books, pictures, mouldings, etc. Handle fitted with screw-eye to hang up.



FLOOR OILER

Price, each\$3.25

Extra Felts, each 1.25



FLOOR OIL

To Keep Dust Down

½ Gallon, each	.....\$1.25
1 Gallon Boxed, as per cut, each	.....\$1.95
1 Four Gallon, Boxed Can	.....\$5.90
1 Gallon in Plain Can	.....\$1.75
4 Gallons in Plain Can	.....\$5.50

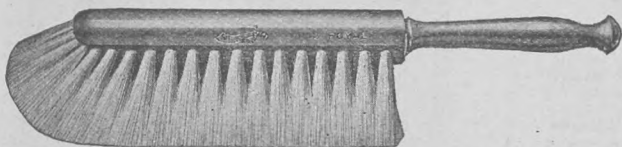


FLOOR MOPS

For Washing Floors

We recommend this Mop for use with "Izal" solutions for all vacation cleaning. Made of coarse yarn. Bolt head replaceable. Buy the handle once, heads as you need them.

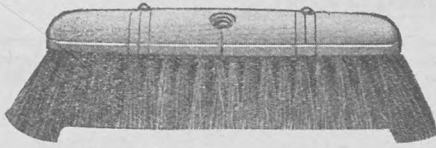
16 oz. weight. Each	.....\$1.25
20 oz. weight. Each	..... 1.50
Handles, each	..... .65



DUST PAN BRUSH OR BANISTER BRUSH

Price, each\$0.85

FLOOR BROOMS

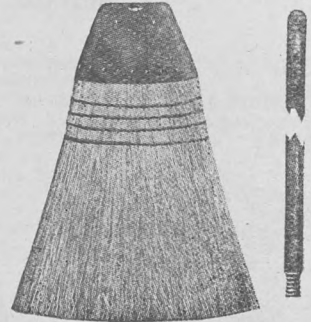


Best quality pure black hair, wire drawn. Double hole, polished block, screw handle. These will outwear several brooms and are much cheaper in the end.

See Page 62 for Sweeping Compound.

No.	Size	Price
412—12 inch	\$2.60
414—14 inch	3.25
416—16 inch	4.25
418—18 inch	4.75

CORN BROOMS



Detachable handle with metal hood protecting top and binding it firmly together.

Price, each \$1.25

LIQUID SOAP AND CONTAINERS

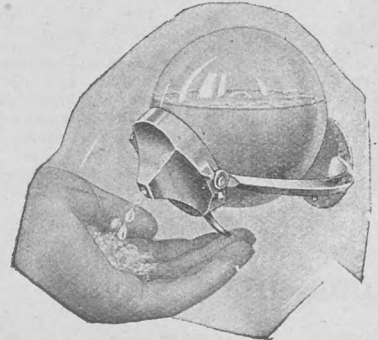
Best Quality



Pear Type Container

Simple, Foolproof, and Strong.

Price \$2.45



Tilting Type Container

Price \$4.85

MOYER'S PURE LIQUID SOAP

The Purest Soap in most Convenient Form made from Potash and Pure Vegetable Oils. Absolutely neutral and harmless to the skin. Put up in convenient containers at reasonable prices as follows:—

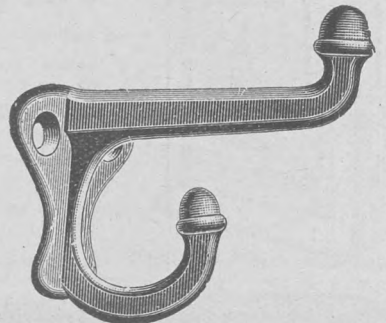
1 Quart Tins, each	.....	\$0.75
½ Gallon Tins, each	.....	1.20
1 Gallon Tins, each	.....	2.00

SOFT SOAP IN PAILS

Splendid for scrubbing floors, etc.

Per pail of 25 lbs. \$4.95

COAT AND HAT HOOKS



IRON, NO. 21, 3-in.

Per doz.	.....	\$1.25
4 doz. for	.....	3.95

WIRE, COPPER FINISH, 3-in.

Per doz.	.....	\$0.25
4 doz. for	.....	.85

"PYRENE"

FIRE EXTINGUISHER



This is something that every school should have. The container is a double action Pump and can be used by any lady school teacher or youngest pupil.

It puts out any kind of fire whether from gasoline, oils, chemicals, etc.

A "Pyrene" will not freeze

Lives and property very often could be saved by having a "Pyrene" handy when the fire breaks out.

Price, Complete \$14.00

Chemical can also be supplied for refilling without buying new Extinguisher.

Extra Refills, each \$2.50

PROTECT YOUR SCHOOL—INSTAL PYRENE FIRE EXTINGUISHERS

Paper Towels and Toilet Papers for Schools



SANITARY ROLL PAPER TOWELS

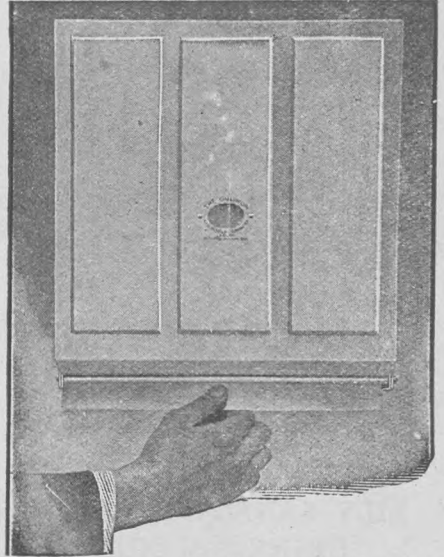
Every child should have a clean sanitary towel. The common towel collects germs and helps to spread disease. It is conceded that the use of linen towels in schools is a menace to health.

Our system solves the problem of the unsanitary towel by providing a perfectly clean, fresh towel for every pupil.

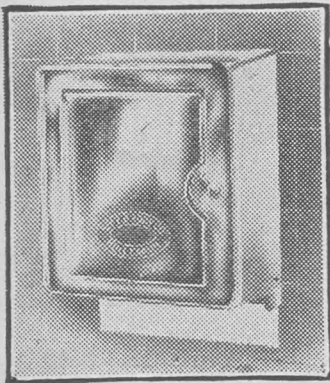
Sanitary towels are supplied in rolls.

Holder, each	\$0.95
Separate Rolls .....	.35
12 Rolls	4.50
Case of 24 Rolls, 150 in each roll	8.00

SANITARY FOLDED PAPER TOWELS



ONLIWON TOILET PAPER



Per Package of 1000 sheets	\$0.20
Carton of 12 Packages	2.25
Case of 100 Packages	18.00
Onliwon Toilet Paper Fixture	1.50

SINGLE FOLDED PAPER TOWELS

For use in Public Service, Northern and Inter-lake Cabinets or any single fold towel cabinet.



Per pkg. of 150 Towels	\$0.50
Per doz. pkgs. of 150 Towels	5.25
Per case of 25 pkgs. White Enamel Cabinets	9.75
	3.00

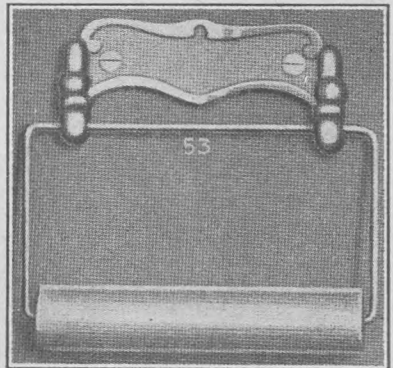


OVAL TOILET PAPER

Per dozen	\$0.75
Per case of 100	4.40



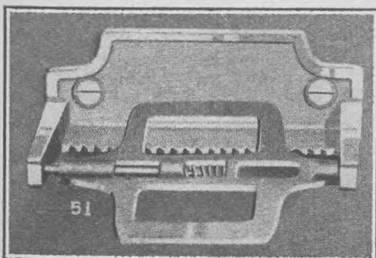
ROUND TOILET PAPER



Round Toilet Paper Holder	\$0.35
12 Rolls Round Toilet Paper, Special .....	.50
1 Case of 100 Rolls Round Toilet Paper, Special	3.95

WHITE CHEESECLOTH for dusting. Price per yard	7c
TOWELING for individual towels. Splendid quality. Price per yard	25c

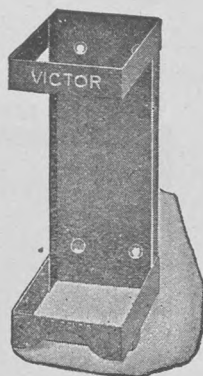
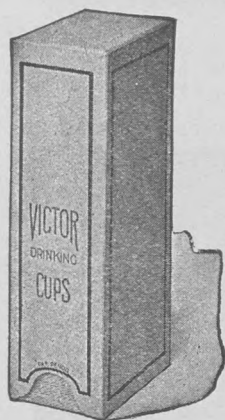
OVAL TOILET PAPER HOLDER, EACH, 75c



CLEANLINESS KNOWS NO SEASON

Paper Drinking Cups

VICTOR DRINKING CUPS



CUPS

Per Carton of 250	\$0.85	.15c
Per Carton of 1,000	2.75	.30c
Holder, each	1.00	.10c

Each Carton contains 250 Flat Paper Cups and fits smoothly into Holder.

HOLDER

Postage

KONEX PAPER DRINKING CUPS

(Cone Shaped, Absolutely Sanitary)



Price, per 250	\$1.00
Price, per 500	2.00
Price, per 1,000	3.75
Price, per 5,000	17.50
Konex Nickel Plated Dispenser	8.50

LILY SANITARY PAPER DRINKING CUPS



A sanitary, individual drinking cup for everyone, made of one piece, round shaped, have no taste, and are the very zenith of efficiency and sanitation. Packed in clean, hygienic tubes of 100 cups to a tube. Each tube lined with dust-proof glazed tissue.

Prices:

100 Lily Paper Cups	\$0.75
500 Lily Paper Cups	3.50
1,000 Lily Paper Cups	6.75
Cup Dispenser	6.00

RENUOL

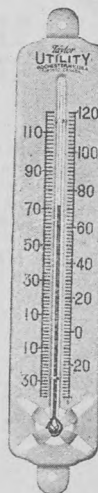
Cleans and Restores the Finish of all Varnished Surfaces. Use it on Floors, Woodwork, Furniture, Planos, Phonograph, etc. Fine for Automobiles. It will make your old Car look like new. Makes Dusting Easy and Effective.

For Dusting—The use of soap, water or a dry cloth in dusting will in time destroy the finish of varnished surfaces. A few drops of Renuol on your dust cloth will remove stains and dust and renew the finish of your furniture at the same time.

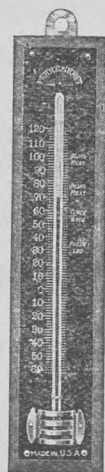


Per Bottle, 8 oz.	75c
16 ozs.	1.35
32 ozs.	2.00

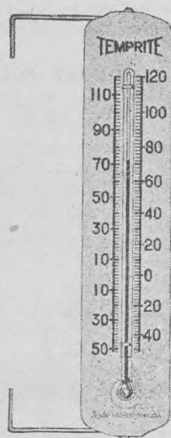
THERMOMETERS



No. 5127-S



No. 5140-S



No. 2072-S

No. 5127-S

Indoor Thermometers, 8 in. Fahrenheit, Spirit, Easy Reading, White Enamel, Steel Back. Range 50° below zero to 120° above.

Price \$1.00 Postage 6c

No. 5140-S

Indoor Thermometers, 8 in. Fahrenheit, Spirit, Easy Reading, Stained Wood Back. Range 50° to 120° above.

Price 75c Postage 7c

No. 2072-S

Outdoor Thermometer, 8 in. Fahrenheit, Spirit, Easy Reading, Glass Back, complete with hangers. Range 50° below zero to 120° above.

Price \$1.25 Postage 10c

Enamelware and Hardware



WATER PAIL 10 Quart Size

Best White
Enamelled or Im-
perial Enamelled.

No. 110 Each
Imperial Grey \$1.40
White
Enamel 1.85

See Page 62 for
Special Scrub Pail.



COAL HOD Large Size

Heavy Japanned
Metal

Price, each \$0.95

Heavy Galvanized
Iron

Price, each 1.50

HAND SHOVEL



No. 1—Dry earth shovel, for closets. Price 30c

No. 2732—Extra Heavy, can be used with
wooden handle. Price 50c

ENAMELLED DRINKING CUP

No. 10
Good Size

Scotch Grey—
Each25
Per doz. 2.85
White Enamelled—
Each35
Per doz. 4.00



CUP HOOKS

Brass, No. 412, 1-in. Per doz. 40c

SCHOOL MIRROR

Very strongly made. A
mirror is necessary in every
School. Size 10x14 in. Finish,
White Enamel.

Price, each \$1.35



A Very Fine Japanned Covered Dust Pan

Most suitable
for schools.

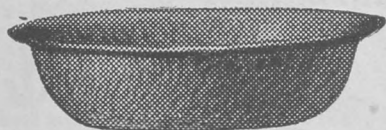
Price, each.... 35c

SCREW DRIVER VERY HANDY



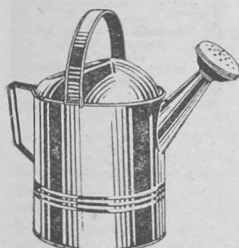
8 inches long. Each 55c

WASH BASIN



14 inch—Best Imperial Enamelled, each 65c
14 inch—White Enamelled, each 75c

WATERING CAN



SOAP DISH



Each school should have
two.

Grey Enamelled, each 35c

SCHOOL HAMMER NOT A TOY



No. 218—Hammer, each \$1.25

PURE CASTILE SOAP

Per Cake 5c
Per dozen cakes 50c

See Page 62 for Sweeping Compound.

SAN-SOL-VENT CHEMICAL

For Use in Moyer or Other Makes of Inside Closets



San-Sol-Vent is a powerful chemical which partly dissolves and thoroughly disinfects the waste, reducing it to a sterile semi liquid which flows readily through the waste valve of these closets. It is dustless, clean, odorless. One Single Drum required for each 125 gallon vault capacity each time the closet is charged. A Double Drum will recharge two toilets.

Price

Single Drum	\$ 4.00
3 Single Drums (for freight shipment)	11.50
1 Double Drum of 60 lbs.	7.60
2 Double Drums (for freight shipment)	15.00

CHLORIDE OF LIME

For outside closets and sanitary purposes, prevents the spread of contagious diseases.

Per 1 lb. package 25c

MOYER CHEMICAL ANTIFECT COMPOUND FOR CLOSETSFor Ordinary Closets or Privies
Non-Poisonous—Non-Corrosive

1 Gallon tins	each \$1.35
5 Gallon can	5.95

This chemical compound is guaranteed to kill all germs it comes in contact with, thereby causing an absolutely sanitary condition wherever used. It also leaves a pleasant odor.

**Sani-Flush**

This is a splendid cleaning preparation for toilet bowls and lavatories. It is quick, easy and sanitary.

Price, per can \$0.35

IZAL DISINFECTANT FLUID

The Modern High Power Germicide used in schools all over the world for disinfecting classrooms, cupboards, cloak rooms, etc.

Prices

1 Pint	\$0.90
1 Quart	1.65
1 Gallon	4.90

**IZAL DISINFECTANT POWDER**

For use in pit closets, garbage cans, manure heaps and all breeding places for flies, etc.

Prices

1 lb. sifter or can, each	\$0.25
(6 for \$1.25)	

**OLD SOL CLEANSER**

For Cleaning Toilet Bowls, Floors, Pans, etc.

Per tin 15c 2 for 25c

KEEP DOWN DUST—ORDER EMPIRE SWEEPING COMPOUND TO-DAY

MOYER'S SAFETY FIRST AID KIT No. 1



"First Aid" work should be taught in every school. It may mean untold benefit to some one in the District.

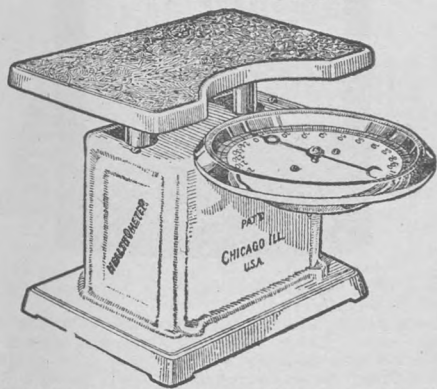
Accidents at school, at home, on the farm, are of frequent occurrence. The right thing done at the right time may easily prevent serious results. Let the boys and girls learn of this at school.

Burns, scalds, cuts, sprains, fractures, etc., should have immediate attention before a doctor can arrive.

Contents:

- 1 Bottle Alcoholic Sol. Iodine
 - 1 Bottle Boracic Acid
 - 1 Bottle Aromatic Spirits Amm.
 - 1 Bottle Castor Oil
 - 1 Jar Burn Ointment
 - 1 Z.O. Adhesive Plaster
 - 1 Roll Metal Splint Bandages
 - 1 Glass Vial
 - 1 Eye Dropper
 - 1 Test Tube
 - 6 Wooden Splints
 - 1 Pair Tweezers
 - 1 Pair Scissors
 - 8 Pkgs. Plain Gauze
 - 6 Pkgs. Absorbent Cotton
 - 4 Wooden Applicators wound with Cotton
 - 1 Book "First Aid to the Injured."
 - 2 Pkgs. Gauze Bandages, 3-in. by 5 yards
 - 4 Pkgs. Gauze Bandages, 2-in. by 5 yards.
 - 6 Pkgs. Gauze Bandages, 1-in. by 5 yards.
- Price \$7.50

HEALTH-O-METER



Health-o-meter is being installed everywhere because of its convenient weighing service—its practical size—its attractive appearance. The legible dial is glass covered and mounted with a substantial nickel-plated sash. The finish is of heavy oven baked white enamel. Built of finest quality steel with hardened bearings. Capacity 250 lbs. by 1-lbs graduations. Platform 7 in. x 11 in. Height 8 in. Weight 20 lbs.

Each \$25.00

MOYER'S FIRST AID KIT No. 2

To hang on the Wall.
Always ready for an Emergency



Consists of the following:

- 2 Gauze Bandages 2½ in. x 6 yds.
- 2 Gauze Bandages 1 in. x 6 yds.
- 1 Absorbent Cotton, 1 oz.
- 1 Absorbent Gauze, 1 yd.
- 1 Boric Lint, 1 oz.
- 1 Triangular Bandage
- 1 Bottle Tc. Iodine, 1 oz., with Rubber cork and Camel Hair Brush
- 1 Oz. Spirits of Ammonia, Arom.
- 1 Adhesive Plaster, ½ in. x 1 yd.
- 1 Bottle Caron Oil, 1 oz.
- 1 Tube Borated Vaseline
- 6 Assorted Safety Pins
- 1 Pr. Scissors
- 1 Pr. Tweezers
- 1 Card of Directions

Price \$5.25

MOYER'S HEALTH AND SCHOOL SCALE

Health and School Scale.
No. 357. With Measuring Rod.

Platform, 10½ x 14½ ins.
Capacity, 4-ozs. to 300-lbs.

All the capacity is indicated on the beam, no weights required. Made of iron and brass throughout. The brass beam, the beam fittings and poises are all nickel plated. Can be used for general purposes but specially adapted for taking the weight and height of children.

Price \$59.75



HANGING LAMP AND REFLECTOR

Lamp complete, including Harp Reflector, Burner, Wick and Chimney.

Price, \$2.75

Now You Can WIPE YOUR FEET

Mud, snow, dust and dirt will not be tracked over your floors if you use

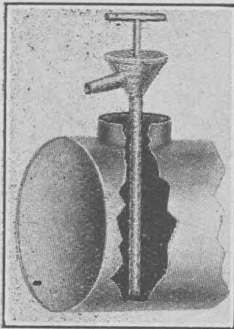
Brush Foot Scraper

outside your door. The only device made which cleans bottom and sides of shoe in one operation. Has ten parallel plates for scraping soles and two stiff bristle brushes which clean sides of shoe. Adjustable to any size. Handsomely enamelled. Looks neat. Can be rotated and swept under. Fastens to doorstep or any handy place. Get one and save useless work.



OVER A MILLION IN USE! Price \$1.35.

GALVANIZED SEWAGE PUMPS



For use with Moyer's or other makes of Chemical Toilets.

This pump has a positive action and will empty the contents of the tank in a short time.

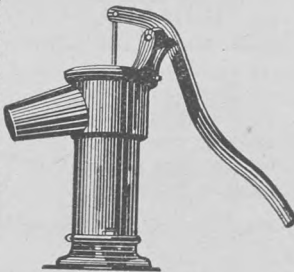
When a sewage pump is used, it is unnecessary to make any pipe connection below the valve, this reduces the expense of installation.

10 ft length pump, each	\$10.00
12 ft. length pump, each	12.00
15 ft. length pump, each	15.00

THE JUMBO PUMP

The Jumbo Pump is very powerful and speedy, capable of pumping two barrels a minute. Has 6 inch bore with 8 inch stroke and is easily taken apart. Suitable for 2 or 2½ inch rubber suction hose. Hose comes in lengths of twenty feet.

Complete with hose,
\$37.00



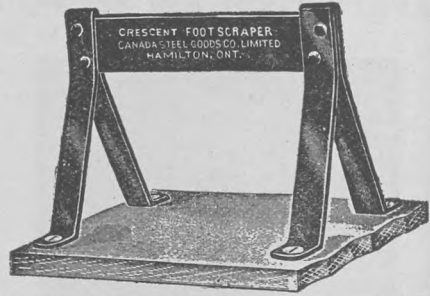
MOP PAIL AND WRINGER

Just what Your Janitor is looking for.

14 Qt. Size	\$7.25
21 Qt. Size	\$8.50



FOOT SCRAPER



- No. 1—Length 9 in., height 7 in. Very Strong.
Each \$0.75
No. 2—Same style as above, but 36 in. long,
height 9 in. Very well made. Each 2.25

ENAMELLED SIGNS

For Cloak or Toilet Rooms

BOYS

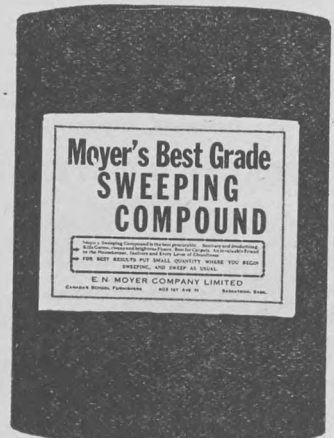
GIRLS

Size 10 inches by 2½ inches.

White Enamel background, blue letters and outline. Price, each \$1.25

Postage 8c

EMPIRE DUSTLESS SWEEPING COMPOUND. DUSTBANE QUALITY



The most satisfactory Sweeping Compound made—perfectly sanitary.

Dustbane is a scientific compound containing anti-septic oils. Keeps down all dust and germs. It preserves and polishes wooden floors. Its cedar oil disinfectant creates a pleasant odor, passing away in a few minutes after purifying the air as well as the floor.

Wooden Keg, containing 200 lbs. compound	\$8.25
Wooden Keg, containing 100 lbs. compound	4.25
Wooden Keg, containing 50 lbs. compound	2.25
Tin, containing 5 lbs. Sweeping compound .....	.50

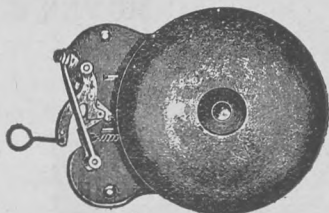
Accept No Substitutes.

ORDER A MOYER BRUSH FOOT SCRAPER FOR YOUR HOME

FIRE ALARM TRIP GONGS

Fitted with Iron Frame and Springs.

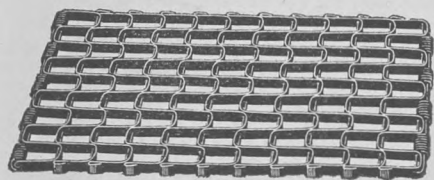
6 in. Diameter. Each	\$3.50	Postage	20c
8 in. Diameter. Each	6.00	Postage	30c
10 in. Diameter. Each	10.00	Express Extra	
12 in. Diameter. Each	14.00	"	"

**SCHOOL TOWER BELL**

No. and Diam. in inches	App. Weight Complete	Price
20	160 lbs.	\$29.50
22	210 lbs.	34.75
24	265 lbs.	48.50
26	345 lbs.	63.50
28	420 lbs.	75.00
30	540 lbs.	90.00

A 24-in. Bell may be heard in all parts of the average School District.

Prices include mountings as shown in illustration.

SCHOOL MATS
Flexible Steel Mats

No. 1—Size 16x24 inches	\$ 2.60
No. 2—Size 18x30 inches	3.25
No. 3—Size 22x36 inches	4.50
No. 4—Size 24x42 inches	5.50
No. 5—Size 30x48 inches	8.60
No. 6—Size 36x54 inches	10.50
No. 7—Size 36x60 inches	12.75
No. 8—Size 40x72 inches	16.50

A perfect scraper. No corners to curl. Easily cleaned. Conforms to uneven surfaces.

Note—Our mats are steel and not wire as listed in other catalogs at lower prices. Our mats will last a lifetime.

**METAL HAND BELLS**

Highly Polished with Enamelled Handles.

No. 7—3½ in.	\$1.00—Post 10c
No. 8—4 in.	1.90—Post 15c
No. 10—6 in.	3.75—Post 20c

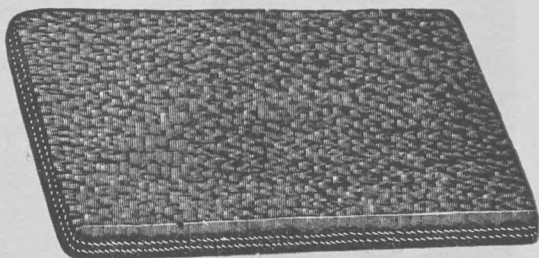
DESK BELLPure Bell Metal.
Nickel Plated.

No. 720—3⅞ in. diameter	40c
Postage	8c
No. 770—3½ in. diameter	50c
Postage	8c

**SCHOOL STEP-LADDERS**

Very well made. Each step is braced with rod under step. Prices:

4 ft., each	\$2.35
5 ft., each	2.95
6 ft., each	3.25

COCOA DOOR MATS

No. 1—Size 16x27 inches, good quality	\$1.90
No. 2—Size 18x30 inches, good quality	2.50
No. 3—Size 20x33 inches, good quality, extra heavy	3.00
No. 4—Size 22x36 inches, good quality, extra heavy	4.00

MOYER'S SANITARY BUBBLER FOUNTAIN

Very Highly Recommended



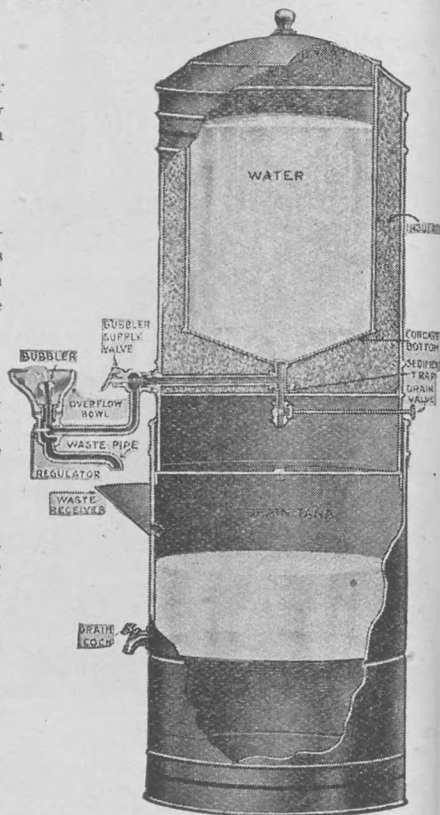
The Sanitary Bubbler Fountain does away with the common drinking cup.

It is strictly sanitary, as the drinker's lips cannot come in contact with the metal feed.

All overflow runs into the drainage tank and not back into the Bubbler Feed Pipe.

All parts of the Bubbler Attachment are heavily nickel-plated and are practically indestructible.

Made in 2 Sizes—0 and 18 Gallons.



The 9 gallon size is recommended for Rural, Town or Village School.

Capacity	9 gal.	18 gal.
Height from Floor	55 in.	59 in.
Outside Diameter	14 in.	18 in.
Inside Diameter	11 in.	15 in.
No. K-301—9 Gallon. Price	\$43.50	
No. K-303—18 Gallon. Price	53.00	

EARTHENWARE KEG

Fitted with Cover and Faucet



Capacity	
No. K-321—4 gallons. Each	\$8.50
No. K-323—5 gallons. Each	11.00
No. K-325—6 gallons. Each	13.50

SPECIAL WATER COOLER

3 gallon	\$6.50
4 gallon	8.50
6 gallon	9.75
10 gallon	14.00

WATER COOLERS—METAL

Heavy Insulation



No. K-305—3 gallon capacity.	
White Enamel Lining. Each	\$8.00
No. K-329—4 gallon galvanized lining	9.00
No. K-331—6 gallon galvanized lining	11.50
No. K-333—10 gallon galvanized lining	16.25

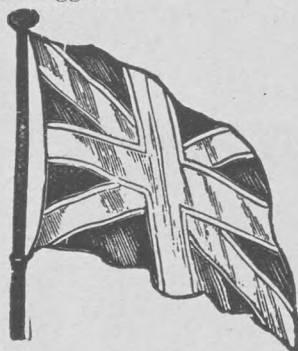
See Page 58 for Drinking Cups.

SCHOOL FLAGS

Highest quality, made from the very best stout English Bunting, and of superior workmanship. Complete with lines and toggles.

UNION JACK FLAGS

	Each	Postage Extra
3 feet long	\$1.25	6c
4½ feet long	2.15	8c
6 feet long	3.25	10c
7½ feet long	4.75	15c
9 feet long	5.75	15c
10½ ft. long	8.75	20c
12 ft. long	9.75	20c



DOMINION ENSIGN FLAGS

	Each	Postage
3 feet long	\$1.95	6c
4½ feet long	3.45	8c
6 feet long	4.35	10c
7½ feet long	5.75	15c
9 feet long	8.00	15c
10½ ft. long	11.00	20c
12 ft. long	12.50	20c

These are vastly superior to those offered by mail order houses at larger prices. Prices on cheaper Flags on request. We highly recommend you purchase our standard Flags

PREPARE FOR CANADA'S JUBILEE

Order Your Bunting Now

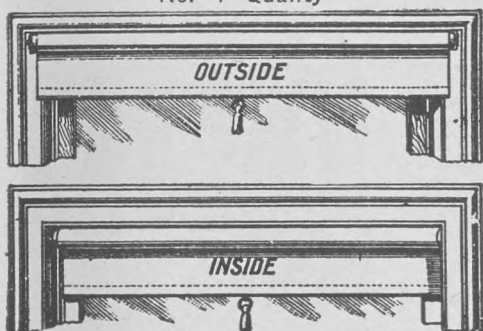
Red, White and Blue 3 color Bunting. 28 in. wide, per yard 35c
Single Color Cheese Cloth in separate colors of Red, White, and Blue. 25 inches wide. One color. Per yard 8c

SMALL COTTON AND PAPER FLAGS

Cotton Union Jacks on stick, size 2 x 3 in. Per dozen 35c
Paper Union Jacks on stick, size 2½ x 3¼ in. Per dozen 20c

CREAM OR GREEN WINDOW SHADES

No. 1 Quality



Endorsed by Educationalists and Recommended by Inspectors

OUTSIDE BRACKET SHADES

When ordering Shades for outside, as cut marked outside, be sure to state length and width of cloth. Rollers will be one inch (1") longer than width of cloth.

INSIDE BRACKET SHADES

When ordering Shades for inside as cut marked inside, be sure to state exact width between stops at top of window where brackets will be placed. Also length from top to bottom, and state for inside brackets.

To find price of Shades read down until proper length is reached, then follow that column to the right until the column is reached which has at the top the width of Shade required.

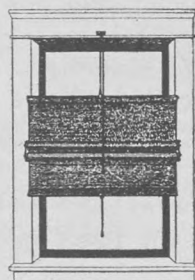
Example—Shade 45 in. wide x 8 ft. long will cost \$3.45.

Important—As all our Shades are made to your order we cannot accept any returns.

Prices on Cream or Green Window Shades

Length	Width of Shades						
	18 in.	37 in.	42 in.	45 in.	48 in.	52 in.	
3 ft.	\$0.90	\$1.25	\$1.50	\$1.80	\$1.95	\$2.50	
4 ft.	1.10	1.50	1.90	2.10	2.35	2.65	
5 ft.	1.25	1.75	2.20	2.50	2.60	3.00	
6 ft.	1.35	2.00	2.40	2.75	3.00	3.50	
7 ft.	1.50	2.25	2.70	3.10	3.40	3.90	
8 ft.	1.65	2.45	3.10	3.45	3.80	4.25	
9 ft.	1.80	2.70	3.45	3.75	4.25	4.70	

ONE COLOR SHADES AT THE WINDOWS—BETTER WORK AT THE DESKS



The above illustration shows our Double Adjustable Shades affixed to centre of window. One shade pulls up, the other down. Splendid for school use.

DOUBLE ROLLER BLINDS

As Illustrated Above

The Scientifically Correct Shading for Schools

For perfect lighting, the Double Adjustable Shades give any desired light in the school room. This is obtained by using two shades on each window, affixed to centre of window, one drawing down over bottom of sash, and the other drawing up from centre to top of upper sash. These can be placed inside or outside of casings as above cuts.

When ordering Double Adjustable Shades follow measurement instructions as above, and state Double Adjustable. Prices below include all necessary fixtures.

It will pay you to compare these prices.

Length	Width of Window Shades						
	18 in.	36 in.	42 in.	45 in.	47 in.	53 in.	
5 ft.	\$3.35	\$4.05	\$4.70	\$5.40	\$5.55	\$6.45	
6 ft.	3.45	4.20	4.90	5.55	6.10	6.55	
7 ft.	3.55	4.70	5.40	6.10	6.55	7.70	
8 ft.	4.10	5.20	6.05	6.55	6.70	8.10	
9 ft.	4.25	5.35	6.45	6.70	7.80	9.80	

WIRE WINDOW GUARDS

For Permanent Construction

Price per square foot 45c

Important—As all window guards are made to your order, we cannot accept any returns.

Moyer Clean Air Heating and Ventilating System



MOYER CLEAN AIR HEAVY CAST ROOM FURNACE Extracts Foul, Used Air and Distributes Fresh Warm Air

Built Specially for One Roomed Schools without Basement, Churches, Community Halls, Stores and Lodge Buildings

In our Province, in the last decade, Tuberculosis has been deposed from first to seventh place among the deadly diseases. What has caused this wonderful beneficial change? Education to the advantage of Fresh Air treatment, not only as a curative, but as a preventative of the disease.

In the school room teachers say it produces a reassuring and vitalizing feeling, when one is confident the air breathed is not second hand.

In hundreds of our schools today the MOYER Clean Air Furnace performs this important task.
Have YOU one in YOUR School?

MOYER STEEL FURNACE A Furnace Body Made in ONE PIECE!

Two of the most important discoveries of Applied Science are Tungsten Plate and Electric Arc Welding. The Moyer Steel Furnace is the result of combining the two.

More Heat, Cleaner Heat, Quicker Heat, Healthier Heat
COSTS LESS TO BUY LESS TO INSTAL LESS TO USE

Pays for Itself in Fuel Saved

Less Attention

Less fuel to shovel—less ashes to remove.

Less Coal to Buy

More heat from every pound of fuel. Big saving effected.

Less Dusting

No impurities—smoke, fumes, dust—can escape from the Furnace itself to the air passages.

Less Coal to Shovel

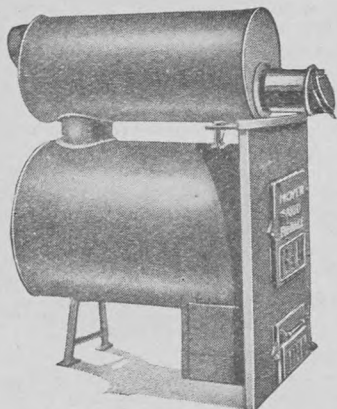
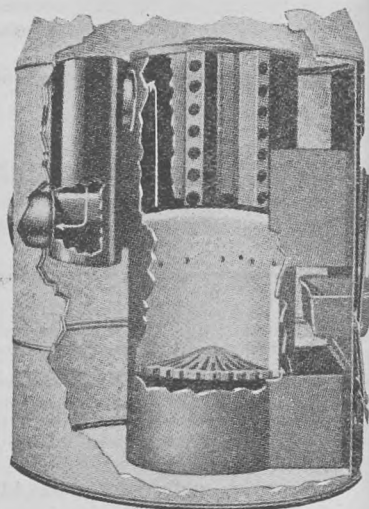
Uses less fuel. Therefore, requires less firing.

Less Ashes to Carry

Perfect combustion consumes fuel so completely that there are far less ashes to remove.

Less Doctor Bills

Rapid circulation of pure, clean, mild warm air increases comfort and health. Air is always sweet, fresh, healthful and clean.



Moyer Steel Wood Furnace

No Furnace Ever Built Equals the
MOYER WOOD BURNER
for

- Volume Heat Production
- Quick Heat Transmission
- Perfect Combustion
- Clean Heat
- Economy
- Health

Write for full particulars, giving us dimensions and full information of the layout of your building.

Moyer's Heat Wave Furnace

**For Small Schools, Offices, Homes
and Cafes.**

The "Heat-Wave" circulates warm, moist air—the modern healthful way—continuously—like a soft June breeze. Installed in 10 minutes in any room with chimney flue. Burns any kind of fuel—hard or soft coal—coke—or wood.

The "Heat-Wave" harmonizes beautifully with your furniture. It's low in cost. At home in any setting—it bathes your whole house with Cheery Warmth, Better Health and Greater Happiness.

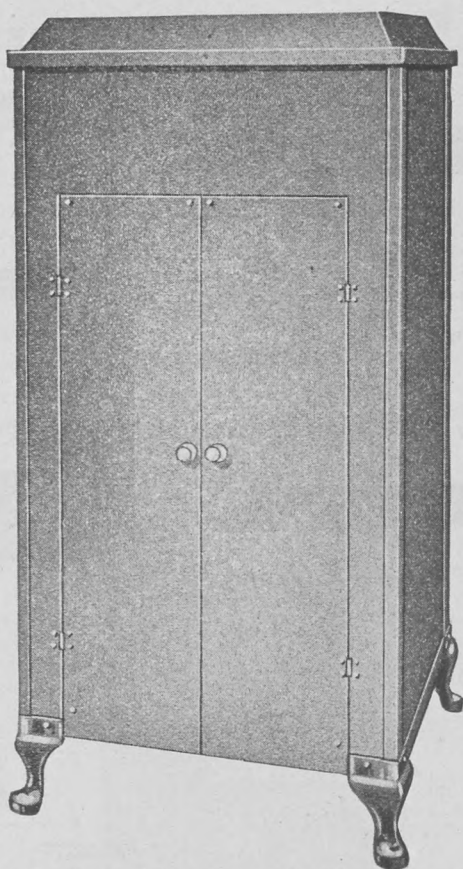
A trial will convince you.

"HEAT-WAVE" SPECIFICATIONS

Height over all	52 in.
Width over all	27 in. x 27 in.
Weight crated	475 lb.
Diameter Smoke Pipe	7 in.
Diameter Grate Ring	15¾ in.
Finish	Rich Brown Enamel
Price	\$138.00

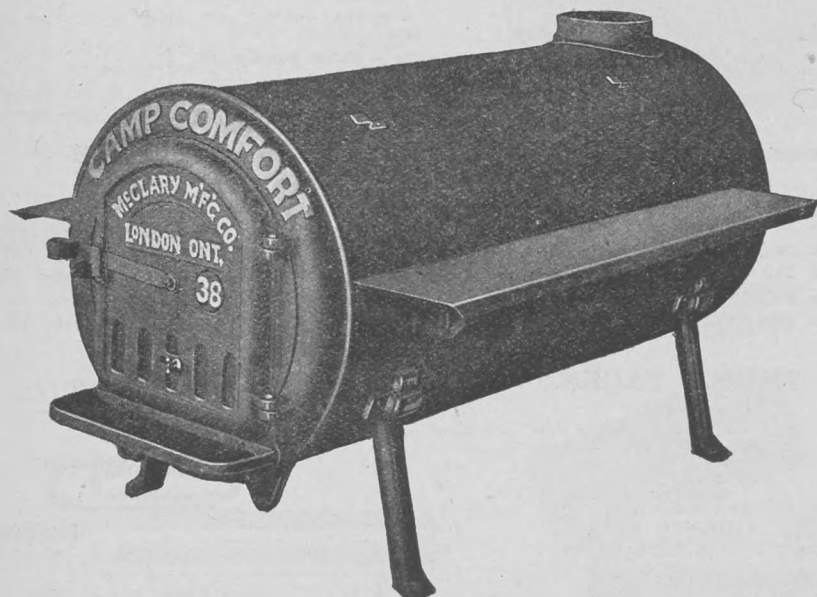
PIPING

6 inch pipe	25c per length
7 inch pipe	30c per length
About 15 inches to 1 length	
Elbows	35c each



It's so ornamental and attractive that you might leave it in your parlor all summer long.

Camp Comfort Wood Burning Stove



38 inches long	\$27.50	50 inches long	\$32.50
Shelves extra as per cut (per pair)		\$2.75	

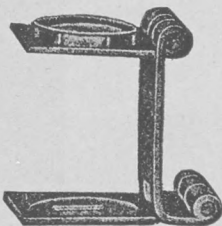
POCKET MAGNIFIERS



Folding 1¼-inch lens. Vulcanized rims and frame.

Single lens. Price	\$0.75
Postage	3c
Double lens. Price	1.35
Postage	3c
Triple lens. Price	1.75
Postage	3c

LINEN TESTER



Glass. Size ½-in. x ½-in.
Price 90c. Postage 5c.

TRIPOD MAGNIFIER



Consist of two double convex lenses in a mounting which screws up or down for focusing.
Price, each \$1.40
Postage 5c

READING GLASSES

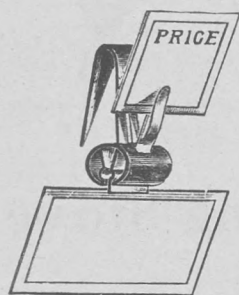


Ebonized wood handle, with nickel plated rim. Lenses are accurately ground of clear white optical glass.

		Postage
2 in. lens. Each	\$0.75	6c
2½ in. lens. Each	1.60	8c
3 in. lens. Each	2.00	8c



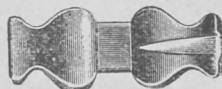
No. 1898



No. 31



No. 2



No. 26



No. 1½

DESK PADS

Best Quality.

Size 19 x 24

Made in Heavy Binders' Board. Leather Corners.

Price \$1.25. Postage .20

See Page 89 for Large Blotters.



CARD AND TICKET HOLDERS AND CLIPS

For holding pictures, photographs, papers, etc.

No. 26—The Perfect Ticket Holder	Price gross	\$1.20.	Postage 10c.
No. 2—Patent Card Holder and Fastener.....	Price gross	1.50.	Postage 10c.
No. 1½—Barrel Ticket Fastener	Price gross .....	.60.	Postage 3c.
No. 31—Bull Dog Clip, Spring Hook	Price gross	1.35.	Postage 5c.
No. 1898—Bull Dog Clip. 2½ in. Each 10c	Price doz. ....	.75.	Postage 10c.

THUMB TACKS



No. 238/4—Steel Flat. 1 piece
Width 7/16 in. Length ¼ in.

Per box of 100 35c
Postage 7c

No. H.3—Gilt. ½ in. diameter.
1 Gross in Box 75c

Postage 4c

No. 773—Brass. Bevelled edge. Width ½ in.
Length ¼ in.

Per Box of 100 95c. Postage 8c

GEM CLIP



British Make

Gem Clips—Box of 100.

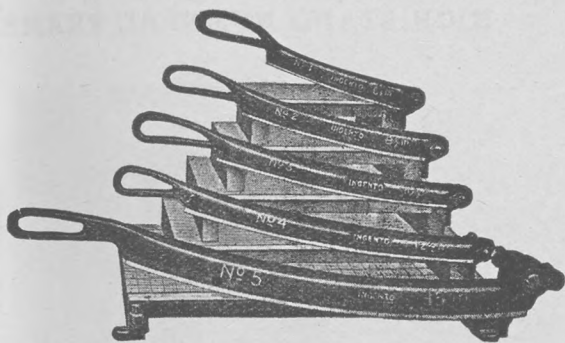
Per Box15c 5 Boxes for65

See Page 89 for Blotters for Desk Pads.

MOYER'S PRINTING OUTFITS OR CHART MAKERS



CARD AND PAPER CUTTERS



The Same High Quality from Top to Bottom

This series of Ingento Trimming Boards represents the very acme of perfection in trimming board manufacture. Not one point has been overlooked. This is a strong statement, but is justified by facts.

No. 1—6½ in. Blade. Price	\$ 3.50
No. 2—8½ in. Blade. Price	4.50
No. 3—10½ in. Blade. Price	6.00
No. 4—12½ in. Blade. Price	8.50
No. 5—15 in. Blade. Price	15.00

Table ruled in half inch squares.

MUSIC DICTATION BOOKS

Size 8x9. 6 leaves Music, 8 leaves faint.

	Price	Postage
Each	\$0.15	2c
Per doz.	1.20	15c
Per 100	9.00	80c

TUNING FORKS



Fork—A or C. Each	\$1.25
Fork—A or C. Extra heavy. Each	1.75

RUBBER PRINTING OUTFITS

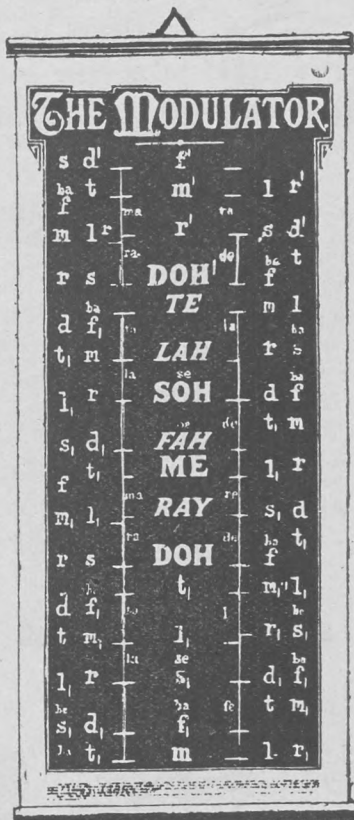
No. E-725—An invaluable aid to teachers for producing reading charts, notices, etc. The set comprises ¾-inch capitals with ½-inch small letters, fractions and punctuation marks, made of rubber and mounted on wood holders, in varnished case.

Per set \$4.95
Postage 25c

E-721—Same as above except ½-inch capitals and ¼-inch small letters, in cardboard box, cloth covered.

Per set \$2.25
Postage 10c

MODULATOR



Tonic Sol-Fa System. Mounted on cloth with wooden Rollers Top and Bottom.

Price \$2.95 Postage 10c

PITCH INSTRUMENT FOR TEACHER



Sounds "Do" for 10 keys. Each 75c

QUALITY—THE MEASURE OF LONGER SERVICE

Weights and Measures

LINEAR MEASURES

Tape Line, 66 feet	\$1.25
Yard Stick (See page 82)	25c, 45c, 50c
Foot Rule (See Page 82)	5c and 10c
Meter Stick	50c



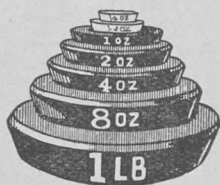
LIQUID MEASURES

Set consists of Pint, Quart and Gallon Measures, Government stamped.

Strongly made.

Pint Measure	\$.60
Quart Measure .....	.75
Gallon Measure ..	1.10

SET OF WEIGHTS



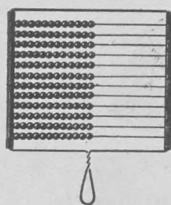
1/4-oz. to 1 lb.—Per Set	\$2.25
Potsage 30c	

STANDARD SCALES WITH WEIGHTS



Government Certificate.

1/4-oz. to 10 lbs.—Per set	\$12.50
1/4-oz. to 4 lbs.—Per set	8.50

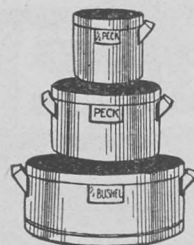


ALL METAL HAND NUMERAL FRAME

Cannot Break. 144 Ball Size.

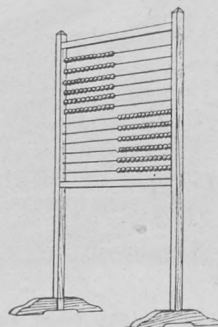
Price	\$1.50	Postage	15c
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DRY MEASURES



Half Peck Measure	\$1.00
Peck	1.90
Half Bushel	2.00
Bushel	2.60

HIGH STAND NUMERAL FRAME



54 inches high. 26 inches wide. 144 balls. 12 rods with 12 colored balls on each—6 different colors.

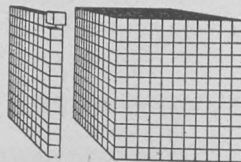
Price	\$8.50
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REGULATION STRAP



15 inches long	35c
Postage	4c

SQUARE AND CUBIC MEASURE

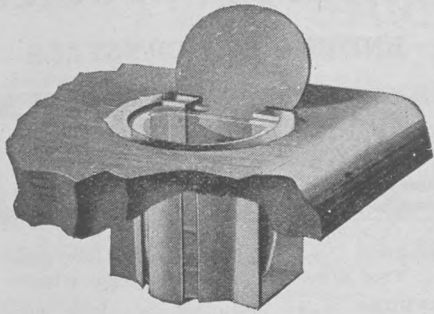


A 12-inch Cube accurately marked for teaching Square and Cubic Measure.

Price	\$3.85
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OUR MOTTO IS QUALITY GOODS—REASONABLE PRICES

INK WELLS FOR SCHOOL DESKS



Steel Casing fits Hole in Desk Top $1\frac{1}{2}$ in. in diameter.

Steel Holders, per dozen\$2.75
Postage15
Glasses only, half-round, per dozen 1.00
Postage10

This is the Ink Well used in our New Empire School Desks.

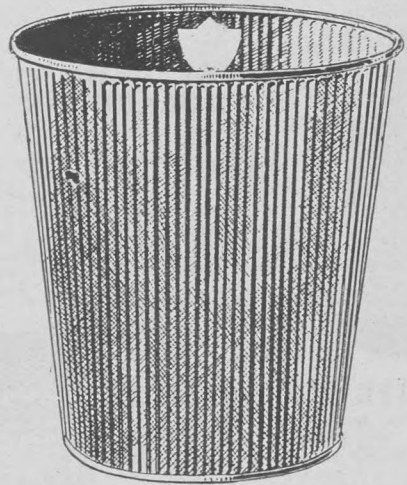
SLIDE INK WELL HOLDER



Fits any Desk. Metal case with Slide Top. Holders, per dozen\$3.00 Postage .15

Glasses only, round, per dozen 1.25 Postage .10

CORRUGATED METAL WASTE BASKET



WASTE BASKETS



"VUL-COT"

The best School Waste Basket. Strong, light, serviceable, almost wear proof. No projections to catch clothing or mar furniture or walls.

Size No. 2—Top $11\frac{1}{2}$ in.; Depth 14 in.; Bottom $9\frac{1}{4}$ in.

Size No. 3—Top $13\frac{1}{2}$ in.; Depth $15\frac{1}{2}$ in.; Bottom 11 in.

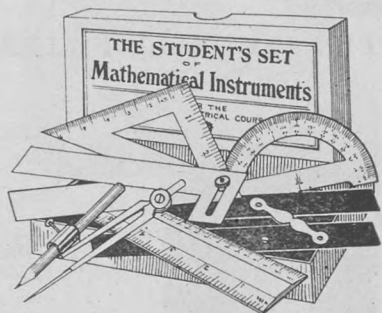
Price—No. 2\$2.25
Price—No. 3 2.75

Size of Top 12 in.; Depth $13\frac{1}{2}$ in.; Bottom $10\frac{1}{2}$ in.

Price, each \$1.75

GEOMETRY SETS

(MATHEMATICAL INSTRUMENTS)



Dividers, Compass, Pencil, Ruler, Protractor, etc.

Put up in strong metal box.

This set is of British make, and is without exception the finest set of Geometrical and Mathematical instruments for school use.

No. 02/45—Per set \$0.70

No. E369
DOUBLE WIRE BASKET

Width at Top $14\frac{1}{2}$ in.
Height 13 in.



$1\frac{1}{4}$ in. Mesh. Smooth Ring.

Price \$0.95

Liquid Ink, Ink Powder & Ink Tablets



RELIANCE SCHOOL INK

Per Gal. in 5 gal. keg,
(Ink only) \$1.50

Keg \$3.50 extra. Returnable
in good condition express
charges prepaid to our ware-
house.

Per Gal. in stone jar,
complete \$2.50

RELIANCE BLUE-BLACK INK

Good Quality

Per Gal. (In stone jar) \$2.60

Per Quart 1.10

Per Pint65

Per ½-Pint40

Per 2-oz. Bottle10

RELIANCE

Red Ink

8 oz. Bottle65

2 oz. Bottle15



ENDURO INK CRYSTALS



Frost-Proof

Free Flowing.

The Ink Perpetual
Non-Corroding.

ENDURO is an ideal ink for school purposes. Manufactured under the patented vacuum process, it can have absolutely no sediment. Comes in crystal form and packed in moisture-proof fibre containers. Will not fade, gum, mould or deteriorate, and is the only ink that is **NOT Injured by Freezing**. Cannot be removed by acid or alkali, and is especially guaranteed for use in fountain pens. From every standpoint it is the best ink that money can buy.

Price per Quart Unit75

STAFFORD'S BLUE-BLACK INK

Per 2 oz. Bottle \$.10

Per ½-Pint Bottle45

Per Pint Bottle75

Per Quart 1.10

Per Gal. with container 3.50

When weather conditions will not permit shipping liquid ink, we shall take the liberty of filling orders with Ink Powders or Tablets to make the quantity ordered.



RELIANCE INK TABLETS

Tablets for 1 Gal. \$1.85

Tablets for 1 Qt.50

Tablets for 1 Pt.30

Tab. for Fountain Pen25



EMPIRE INK POWDER

Liquid Ink cannot be shipped in cold weather. Both these Ink Powders highly recommended.

Quarts 20c Postage..... 2c

Gallons 50c Postage..... 3c

ROYAL INK POWDER

IN TINS (The Very Best)

Per Quart ... \$0.35 Postage... 2c

Per Gallon ... 1.00 Postage... 3c

Special prices in quantities



WHITE AND GOLD INK

For ornamental writing on
Booklets, etc.

1 oz. Round Metal Top Cork \$0.35



INDIA INK

(Waterproof—Jet Black)

Per 1-oz. Bottle \$0.45

Postage 6c

COPPER INK WELL FILLER

The Very Best



E-421

E-421—Made of copper, will not corrode. Capacity, 1 quart.

Each \$3.50

E-423—Fits ordinary quart Ink bottle. Provided with a spring valve to regulate ink flow.

Price 45c

Postage 3c

Freight or Express charges extra.

NOTE.—Our Ink Well Filler is Copper and not tin.

PERFECTION INK VENT



E-423

Paste, Mucilage and Glue



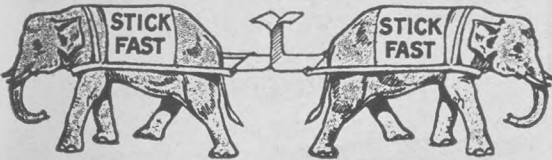
"ADHESO" DRY PASTE FOR SCHOOLS

Adheso is a perfect dry paste powder. It is easily made into a strong cheap paste by simply adding cold water. It can be made thick or thin to suit any purpose.

The cheapest way to buy School Paste.

Per Pound Pkg.	30c
Per 2 pound Pkg.	50c

"STICK-FAST" DRY PASTE



A high grade Paste Powder which mixes readily with cold water. Unexcelled for winter use. The cheapest way to buy Paste.

Per Pound Package	35c
-------------------	-----

RELIANCE MUCILAGE



Per Qt. Bottle	\$1.40
Per Pt. Bottle	.85
Per ½-Pt. Bottle	.45
Per 2-oz. Bottle	.10



SOMETHING NEW

No. 1430—Stafford's Ever Ready Pure Gum Mucilage Bottle will not spill, leak or evaporate. A soft rubber nozzle on the bottle spreads the mucilage like a ribbon; the right amount and where you want it.

Price, 3 oz. bottle, filled \$0.60

GRIP

Grip is a very strong, semi-fluid paste, very clean and convenient to use. Never dries in the bottle. Needs no water.

3 oz. Bottle with Cap and Brush	20c
5 oz. Bottle with Cap and Wood Brush	35c
10 oz. Bottle with Cap and Wood Brush	50c



SECCOTINE



The strongest Liquid Glue made. Price:

Tube No. 3	\$0.20
Tube No. 2	.30
Tube No. 1	.40

RELIANCE LIQUID GLUE

The Very Best
Sticks everything and holds fast.

Per Quart	\$1.50
Per Pint	.80
Per ½ Pint	.45
Per ¼ Pint	.30



GLUE IN TUBES

Stafford's Glue in Tube. Each .20

METAL PASTE BRUSHES



Per Dozen Brushes	25c
-------------------	-----

PASTE STICKS

No. 310—500 Hardwood Sticks, 4½ in. long. Splendid for use in mounting work. Per Package of 500 sticks 50c

"PHASTA" PASTE

The Liquid Paste That's Different



Is always the perfect consistency for immediate use. Sticks quicker than hard paste or mucilage, and will never dry out or harden in stock.

Prices

No. 1140—Pin Sealed Tubes, each	\$0.25
No. 1137—5-oz. Desk Jar, with adjustable Brush holder. In carton	.45
No. 1136—8-oz. Desk Jar, with adjustable Brush holder. In carton	.65
No. 1134—16-oz. Jar, with Screw Cap	.85
No. 1133—32-oz. Jar, with Screw Cap	1.40
No. 1139—128-oz. Crock	4.25

INCREASE YOUR CLASSROOM EFFICIENCY—USE MOYER EQUIPMENT

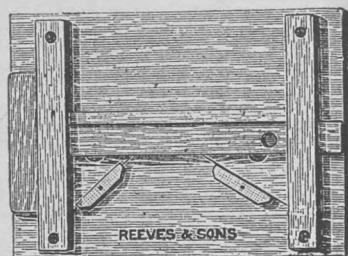
Art Materials

Made in England

PUBLIC SCHOOL DRAWING BOARD

A well made deal batted Board, intended for Students and Schools. The Board is constructed to carry a T-Square and 2 Set Squares fitted into slots within the Battens as shown in Illustration. Size 22 x 15.

Price \$3.25

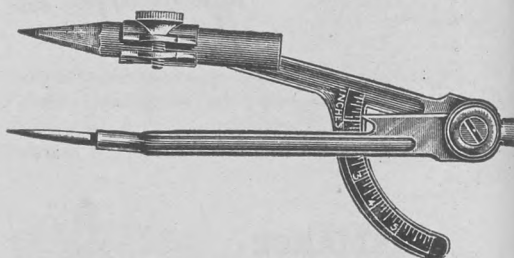


FRAME SET SQUARES

Wooden Keys

		6-in.	8-in.	10-in.	12-in.
45 Degrees.	Each	.80	1.00	1.20	1.40
60 Degrees.	Each	.60	.80	1.00	1.20

DRAWING COMPASSES



No. 553

HARDWOOD PARALLEL RULERS

6 inches	.....	\$0.55
9 inches	.....	1.10

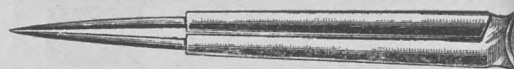
SET SQUARES HARDWOOD

Graduated One Edge Only

		Postage	Per doz.	Postage
4 in. 45°	Each 5c	2c.	\$0.50	10c.
6 in. 45°	Each 10c	2c.	1.00	10c.
8 in. 45°	Each 15c	3c.	1.50	15c.

		Postage	Per doz.	Postage
4 in. 60°	Each 5c	2c.	\$0.50	10c.
6 in. 60°	Each 10c	2c.	1.00	10c.
8 in. 60°	Each 15c	3c.	1.50	15c.

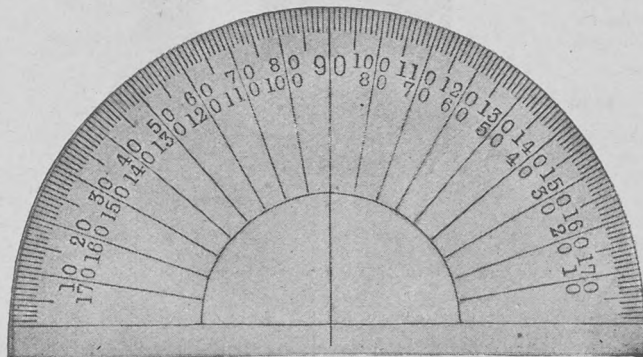
DIVIDERS



No. 364

Each, No. 553	.....	\$0.20	Postage.....	3c
Per dozen	.....	2.20	Postage.....	10c
Each, No. 364	.....	\$0.15	Postage.....	2c
Per dozen	.....	1.60	Postage.....	10c

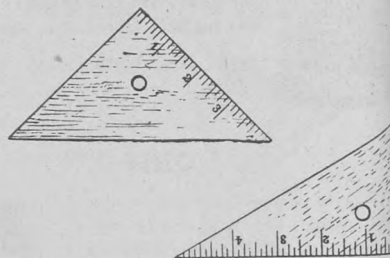
CELLULOID PROTRACTORS



FOR STUDENTS

Size 4 in. x 2 1/4 in.	Each	.....	20c.	Postage	3c
Size 6 in. x 3 1/8 in.	Each	.....	75c.	Postage	3c

CELLULOID SET SQUARES

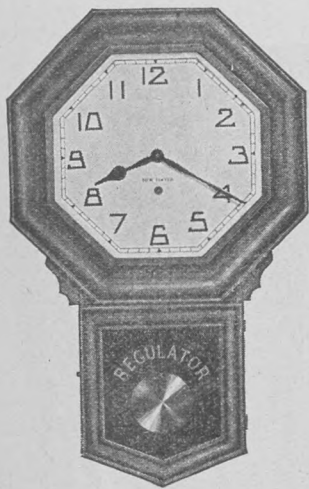


4 in. 45°	Each	.....	35c.	Postage	.....	2c
6 in. 45°	Each	.....	50c.	Postage	.....	2c
8 in. 45°	Each	.....	80c.	Postage	.....	3c
5 in. 60°	Each	.....	30c.	Postage	.....	2c
6 in. 60°	Each	.....	40c.	Postage	.....	2c
8 in. 60°	Each	.....	60c.	Postage	.....	3c

QUALITY IS REMEMBERED LONG AFTER THE PRICE IS FORGOTTEN

School Clocks

"REGULATOR" CLOCK



No. E-147

Drop Octagon. 12 inch Dial. 8 Day.

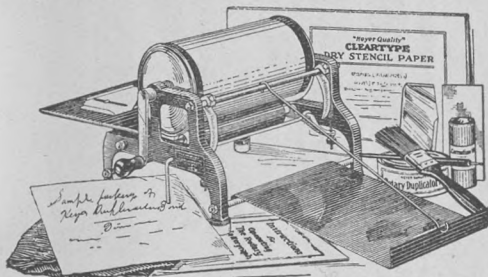
Price \$12.75



No. E-148

Large, beautifully finished, an excellent time-keeper. A very fine addition to any School equipment. Eight Day. Price \$14.75

THE ROTARY LETTERGRAPH



A Simple and Sturdy Duplicator

that makes copies more quickly, more easily, and more economically, and has no peer at its price.

Copies of handwritten or typewritten matter are often needed in a hurry. That's a job for the LETTERGRAPH. A small machine with all the ability and none of the difficulties of the big ones. It's new! Sturdy! Letter-size! It has no complicated parts and no delicate adjustments to confuse the most inexperienced operator. Nothing—absolutely nothing—to get out of order; never idle waiting for a mechanic to come and fix it.

Many things about it are vastly different from others; the ease of putting on the stencil; the easy, natural way of feeding the paper; the extraordinary cleanliness; the ready facility for printing in two colors.

And the price! Unheard of for a rotary duplicating device that is absolutely fool-proof. We've simplified it so that it is far and away the only thing of its kind on the market at anything like as small cost.

Makes good copies of

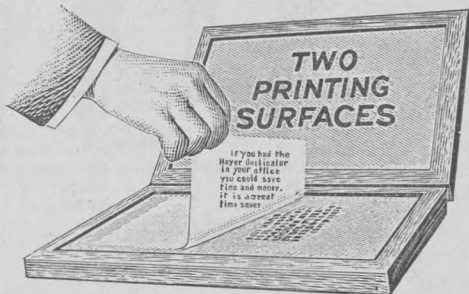
Form letters	Price lists
Office forms	Quotations
Menus	Reports
Bulletins	School papers
Lodge work	Specifications
Notices	Stock sheets, etc.

The printing area of the LETTERGRAPH is $7\frac{1}{2} \times 10\frac{1}{2}$ inches—all that the ordinary letterhead will take.

Price \$53.00

DUPLICATOR

Every School should have a duplicator. It greatly facilitates Examination work.

Size $9\frac{1}{2} \times 14$

EMPIRE DUPLICATOR

The best copying device of its kind known.

It is simple, handy and easy to work.

Complete with one bottle of Duplicator Ink and sponge. Price \$9.00. Postage 40c

Refill Composition. Per lb. \$1.50
Postage 10c

Duplicator Paper, $8\frac{1}{2} \times 11$ in.
Per ream of 500 sheets 1.50
Postage 30c

Duplicator Paper, $8\frac{1}{2} \times 14$ in.
Per Ream of 500 sheets 1.75
Postage 35c

Ink for Duplicator, 1 oz. size.
Red, Blue, Green, Black, Purple55
Postage 05c

Duplicator Typewriter Ribbons, for any machine. Each 1.50

Be sure to state the make of your typewriter.

Parker Pens and Pencils

49-B
 49-L
 49-G
 49-C
 49-M
 78-B
 78-L
 78-G
 78-C
 78-M
 48-B
 48-L
 48-G
 48-C
 48-M
 No. 107
 No. 177
 No. 103
 No. 173

With clip \$3.50
 With ring \$3.00
 With ring \$3.50
 (Over-size) \$7.00
 (Over-size) \$4.00
 (Jr. size) \$5.00
 (Jr. size) \$3.50

Petite Pastel Pens with Pencils to Match — Designed Specially for Women. In five delicate pastel shades, to meet to-day's color vogue. Key to Colors: B-Baby Blue; L-Manve; G-Biege Grey; C-Coral; M-Magenta.

Larger Barrels in Mottled Green (Jade) For Those Who Like a Larger Grip. In three sizes, Over-size, Jr. and Lady Size—pens with pencils to match. Points are guaranteed for wear and mechanical perfection.



PARKER DUOFOLD JR.

Same quality and excellence as the Over-size Duofold. Smaller in size with gold-filled band and clip\$5.00



Parker Duofold Jr. Pencil, Red or Black\$3.50



No. 20—Short thin model for Ladies with chatelaine gold filled ring. A very popular size\$2.75

Same pen, longer, with clip\$2.75

FREE REPAIR SERVICE ON DUOFOLD PENS

Penholders and Pen Points

PENS



- No. 292—The Standard Nib. For general use. Put up in Gross Boxes. British Made.
Per Gross 75c Postage04c



- No. 303—An Extra Fine British Made School Pen Nib. Best quality. Lowest price.
Per Gross 75c Postage04c



- No. 133—College Pen. Best British Made general purpose pen.
Per Gross 80c Postage04c



- No. 470—Falcon Pen. A standard Pen and a perfect writer. Known the world over. This is the best Falcon Pen made. British Made.
Per Gross 85c Postage04c



- The "O.N." School Pen. Made by the leading steel pen makers in Birmingham, England. No better all round pen made.
Per Gross 75c Postage04c



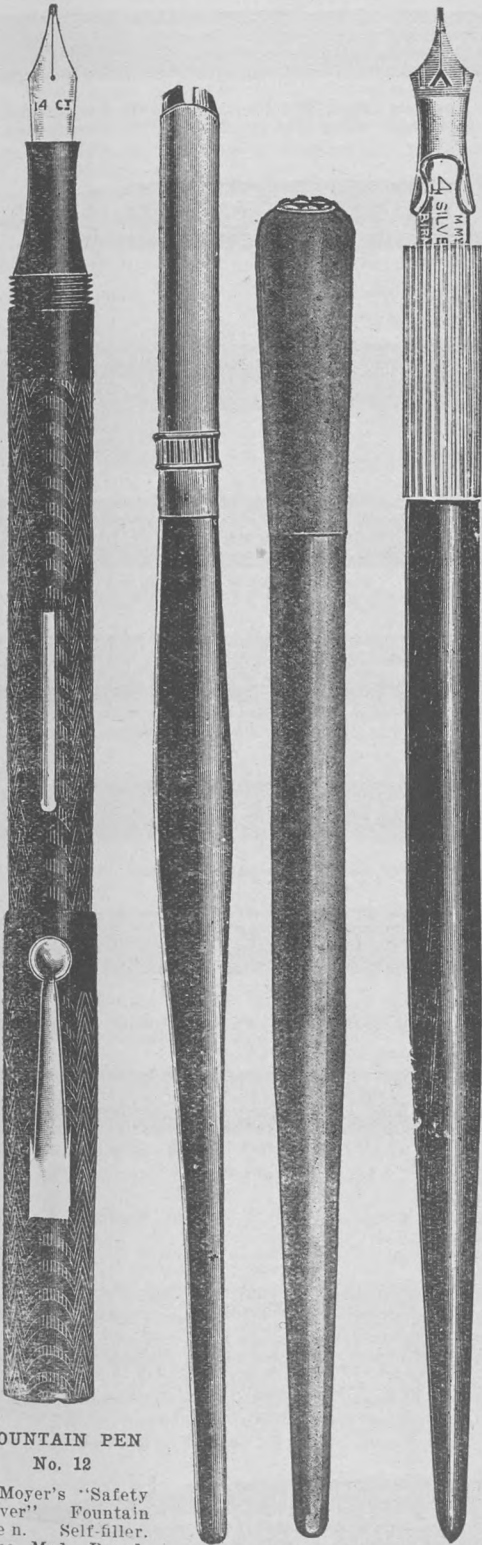
- Mapping Pens—Finest Quality for mapping, etching and drawing.
Complete with Holder. Per dozen60c
Postage06c



- Manifold Pens—Best copying pens. Hard and firm.
Per Gross \$1.90 Postage06c

PEN HOLDERS

- No. 1685—Penholder, 7 in. long, assorted colors. Black, Red, Tan. Polished swelled handle. Nickel spring tip.
Per doz. \$0.60 Postage .10c
Per gross 7.00 Postage .20c
- No. 1690—Penholder, 7 in. Cork grip. Extra thick tapered handle. Green enamelled handle polished.
Per doz. \$0.75 Postage .10c
Per gross 8.00 Postage .20c
- No. 2552—Penholder, 7 in. Rubber Tip. Extra thick tapered handle. Colors. Black, Red, Tan polished.
Per doz. \$0.65 Postage .10c
Per gross 7.20 Postage .20c
- No. 1529—Penholder, 7 in. long. Wood, full length, tapered metal tip inserted.
Per doz. \$0.50 Postage .06c
Per gross 4.95 Postage .20c
- No. 1662—Penholder, 6 3/4 in. long. Wood, metal tip, slightly tapered.
Per doz. \$0.25 Postage .04c
Per gross 2.65 Postage .15c



FOUNTAIN PEN
No. 12

Moyer's "Safety
Lever" Fountain
Pen. Self-filler.
Fine, Med., Broad.
Postpaid \$1.95

No. 1685 No. 1690 No. 2552

QUALITY HAS ITS OWN REWARD

High Grade PENCILS at Very Attractive Prices



Venus Pencils. Rubber Tip. From 3B (Softest) to 9H (Hardest). Each 15c. Per dozen \$1.20. Postage doz. 5c
 Venus Pencils. Without Tip. From 3B (Softest) to 9H (Hardest). Each 10c. Per dozen \$1.00. Postage doz. 5c



Moyer's Provincial. H.B. Hexagon. Per dozen 60c Per gross \$6.25 Postage 20c



Moyer's Victor Pencil. H.B. Hexagon, Rubber Tipped. Per dozen 60c Per gross \$5.95 Postage 20c



Diplomat Pencil. No. 473. H.B. Polished Hexagon. Per dozen.... 35c Per gross.... \$3.95 Postage.... 15c



Pansy Pencil. No. 489. H.B. Hexagon. Rubber Tipped. Per dozen 40c Per gross \$4.25 Postage 20c



Best Ever Pencil. No. 402. Round, Rubber Tipped. Per dozen.... 40c Per gross.... \$4.00 Postage.... 20c



Bedford Pencil. No. 1912. Hexagon. H.B. Round Edges. Per dozen 30c Per gross \$2.90 Postage 15c



Dupligraph Hard Copying Pencil. Each 12c Per dozen \$1.25

Carbon Pencils, No. 444.
 Each 10c Dozen 90c Per gross \$9.50 Postage 25c

Empire Pencil. Hexagon. H.B. Rubber Tipped. Per dozen 45c Per gross \$4.95

Checking Pencil. No. 2633—Red and Blue Combined.
 Blue No. 2631. Red No. 2632.

Per dozen \$1.00 Postage06c Per gross \$9.95 Postage 20c

Colored Pencils. 4 inches long, assorted colors. 1 pencil each, R. O. Y. G. B. V. in box.

Per dozen boxes \$2.40 Postage 20c Per box \$0.25 Postage06c

Excelsior Pencil. H.B. Hexagon. Rubber Tipped.

Per dozen \$0.65 Postage08c Per gross \$7.25 Postage 25c

Beginners' Pencil. No. 308. Round For use of pupils in lowest grades.

Per dozen \$1.00 Postage08c Per gross \$10.95 Postage 25c



Six different colors. Eclipse Jumbo pencils have all the quality, service and beauty of any \$5.00 pencil. Propel, repel, and expel. Clog Proof. All 14K gold filled trimmings. Any standard lead may be used. These pencils load from the nozzle and are equipped with six extra leads and the best quality giant eraser.

Price, each \$1.50

Pencil Sharpeners

EDUCATOR PENCIL SHARPENER

The Educator Pencil Sharpener is equipped with an adjustable chuck for the accommodation of various sizes of pencils and crayons. The solid steel twin milling cutters are constructed to produce a short blunt point. These special cutters were designed to meet the needs of the instructors in the Primary departments, who desired to obtain a pencil sharpener that would produce the style of point mentioned above.

Fitted with Point Adjuster to produce fine, medium or blunt point as desired.

Strongly made—Lasts Indefinitely.

The highest type of Hand-fed Pencil Sharpener.

Costs more, but is cheaper in the long run.

Price \$7.50 Postage15c

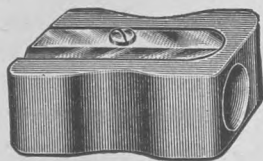


“CHICAGO GIANT”

POCKET OR STUDENT'S PENCIL SHARPENER

A reliable article made of Electro Metal which is lighter than Aluminum.

A very convenient and satisfactory pocket Sharpener at low cost.



Each 10c Half Doz. 40c
Per Doz. 75c

Dennison's LETTER WAX

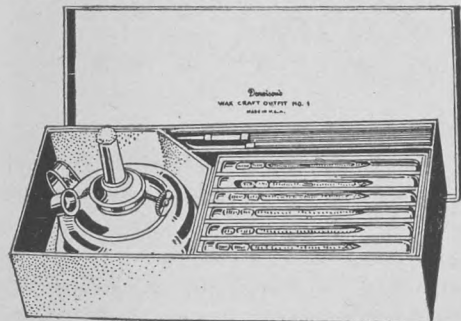


Per Stick \$0.10
6 Sticks of one color in a box55
6 Sticks, Assorted Colors in a box55

Twenty-six Colors carried in stock as well as assorted colors in Boxes.

No.	No.
201—Black	253—Azure Blue
203—Mist Gray	254—Alice Blue
206—White	255—Cobalt Blue
223—Lilac	261—Canary
224—Violet	262—Golden Yellow
226—Dark Purple	263—Orange
231—Light Rose Pink	281—Geranium
233—Medium Rose	283—Ruby
237—Cerule	291—Silver Bronze
243—Dark Jade Green	293—Gold Bronze
244—Apple Green	297—Copper, Bronze
245—Light Verdure	294—Blue Bronze
Green	295—Green Bronze
246—Verdure Green	

DENNISON'S WAX CRAFT OUTFIT



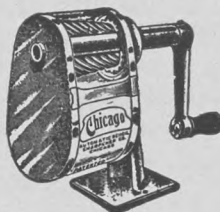
The outfit contains 1 alcohol lamp, Wax Moulder, Wax Spatula, Needle, Six Sticks letter wax assorted colors, a book of instructions—all packed as shown in a neat pebbled red box.

Price, each \$2.00
Sealing Wax Art Book15

Freight and Express Charges Extra.



Price, each \$1.75
Postage 0.15
Extra Cutters for Chicago Giant,
Per pair 1.25



“CHICAGO”

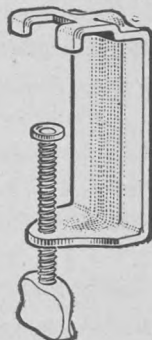
The “Chicago” one opening. Sharpens standard size pencils.

Price, each \$1.50
Postage15
Extra Cutters for Chicago,
per pair 1.10
Postage04

DESK CLAMP

To fasten Sharpeners to desk.

Each \$0.40
Postage03



WAX MELTERS



Wax Melter or Spirit Lamp \$0.75
Wax Moulders and Spatulas, each35

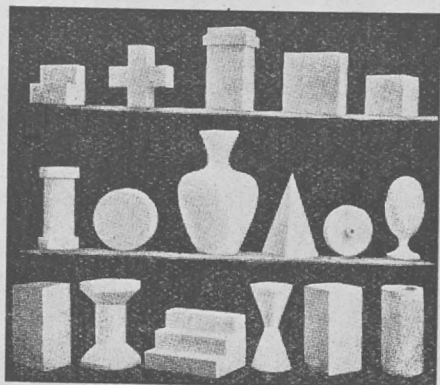
WAX DE LUXE (Large Sticks)

Same quality as letter wax made in sticks 6 inches long and 3/4 inches wide.

Price per stick 20c
Price per box of three sticks 55c

Drawing Models

No. 1—TEACHERS' SET



- Cube, with incised faces, 4-inch face.
 Square Plinth, 6 x 2 inches.
 Oblong Block, 4 x 8 x 3 inches.
 Square Prism, divided diagonally, 4 x 8 ins.
 Circular Plinth, 6 x 2 inches.
 Cubical Steps, 4 inch face.
 Flight of Three Steps, 8 inches long, 2 inch tread x $1\frac{2}{3}$ inch riser.
 Cross, 6 x 2 inches.
 Double Cone, divided and dowelled, 4 x 8 inches.
 Hollow Cylinder, divided and dowelled, 4 x 8 inches.
 Frame (A), 12 inches square, 4 pieces halved.
 Frame (B), 12 inches square, 4 pieces mortised.
 Bracket Model, $8\frac{1}{2}$ x 12 x 1 inches.
 Pulley Model, divided and dowelled, 5 inch diameter.
 Egg and Egg Cup.
 Spool, 6 x 8 inches.
 Square Pyramid, divided and dowelled, 4 x 8 inches.
 Vase, 12 inches high.
 Hollow-flanged Cylinder, divided and dowelled, 4 x 8 inches.
 Chimney Model, divided and dowelled.

No. I.—Complete in strong wooden box, with hinged lid per set \$33.00

Set No. 2—12 Models. Size 4 x 8 ins.

Price, Complete in Strong Wooden

Box \$11.00

The above set is made up of one each of the following numbers, supplied separately if desired:—

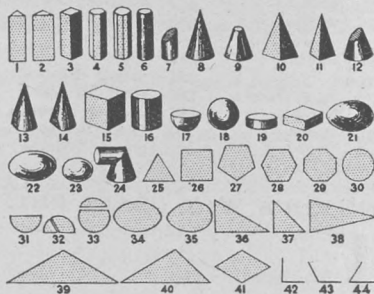
Price Post.

H-531	Cube	.....	\$ .80— 8c
H-533	Sphere	.....	1.00—10c
H-535	Square Pyramid	.....	1.00— 6c
H-537	Vase	.....	1.35—15c
H-539	Cone	.....	1.20—10c
H-541	Ovoid	.....	1.20—10c
H-543	Hemisphere	.....	.80— 5c
H-545	Cylinder	.....	1.20—15c
H-547	Ellipsoid	.....	1.20—15c
H-549	Square Prism	.....	1.00—10c
H-551	Equ-Triangular Prism	.....	1.20—10c
H-553	Right Angle Triang. Prism	.....	1.20—10c

Set No. 4—44 Pieces

GEOMETRICAL SURFACES AND SOLIDS

Moyer's Special Set

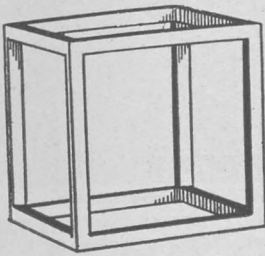


Embraces the common surfaces and simple angles found in elementary geometry, as well as the solid forms. Includes the forms illustrated in cut: 24 solids, 17 surfaces and 3 angles. Accurately made from well-seasoned hardwood and splendidly finished. Put up in Handsome Cherry finished box.

Per Set complete \$4.00

NO PICTURE CAN TAKE THE PLACE OF A GENUINE MODEL

Teachers' Models, Large Size, In Bulk



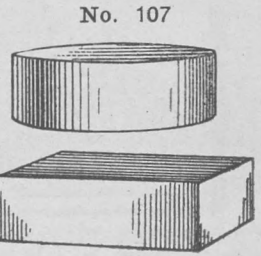
No. 101



No. 103



No. 105

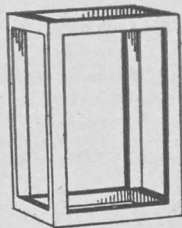


No. 107

No. 109



No. 111



No. 113



No. 115



No. 117

Extra large Models, recommended by the Ontario Department of Education.
The Skeleton Models have received special attention, the joints being firmly secured.

	Size	Price
H-101—Cube (Skeleton)	12 inch face	\$3.75
H-103—Cone (Hollow)	8 x 12 inches	3.85
H-105—Cylinder (Hollow)	8 x 12 inches	3.85
H-107—Circular Plinth (Solid)	2 x 8 inches	3.40
H-109—Square Plinth (Solid)	2 x 12 inches	3.60
H-111—Sphere (Hollow)	12 inches Diam.	7.50
H-113—Square Prism (Skeleton)	8 x 12 inches	3.85
H-115—Hexagonal Prism (Skeleton)	8 x 12 inches	3.85
H-117—Square Pyramid (Skeleton)	8 x 12 inches	3.75

SET No. 3—9 LARGE MODELS

Sizes 6 in. and 6 x 12.

Cone, Cube, Cylinder, Hexagonal Prism, Square Prism, Hexagonal Pyramid, Square Pyramid, Round Plinth, Square Plinth.

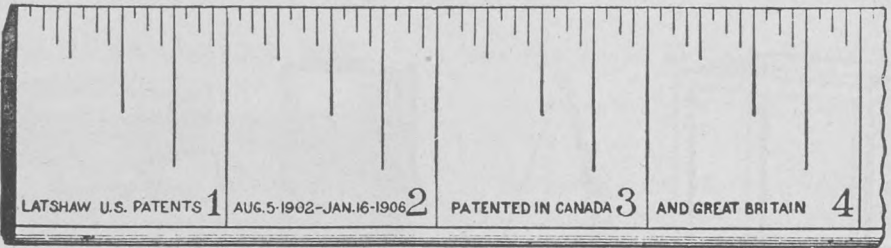
Complete in box, sliding cover \$28.50

ART MODEL STAND

For displaying casts, and other models.

This stand is made of ash, golden finish. The platform is normally 3 feet high and by a simple adjustment this can be increased to 4 feet. A thumb screw retains the pedestal at the desired height. Each \$7.00

Rules, Yard Sticks and Tape Lines



FOOT RULES—No. 5370—Hardwood, Natural.
Graduated inches in 1/16ths, one side, metric measure on reverse.

Price, each\$0.05 Postage 2c
Price, dozen50 Postage 10c
Price, gross 4.50 Postage 40c

METAL EDGED FOOT RULES—No. 5373—Hardwood, Varnished, inlaid edges. Inches in 1/16ths one side, metric measure on reverse.

Price, each\$0.10 Postage 2c
Price, dozen 1.00 Postage 10c
Price, gross 9.00 Postage 40c

LATSHAW PATENTED SCALE RULE

Varnished Maple.

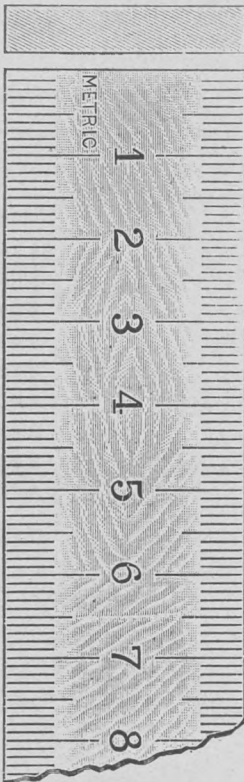
12 in. long, 1 in. wide.

No. 3051 Scaled in inches. No. 3052 Scaled in Half inches. No. 3054 Scaled in Quarter inches.

No. 3058 Scaled in Eighth inches. No. 3050 Scaled in Sixteenth inches.

Price each 5c.
Price per dozen 50c.
Price gross \$5.75.

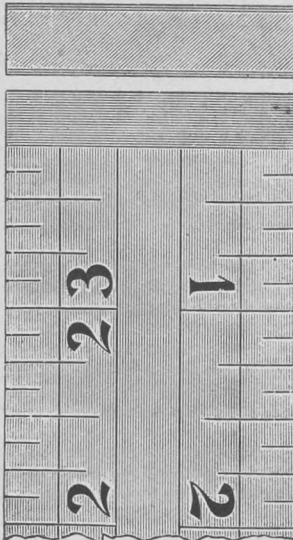
Postage 2c.
Postage 10c.
Postage 40c.



METER STICK
No. 13

One side scaled. Centimeters divided into millimeters on both edges, other side having inch scale divided into eighths. 1 inch wide, 5/16 ins. thick, 100 centimeters long.

Price 50c
Postage 5c



No. 18B

YARD STICK — Same as No. 18, except with brass ends.

Price 50c
Postage 10c

No. 18

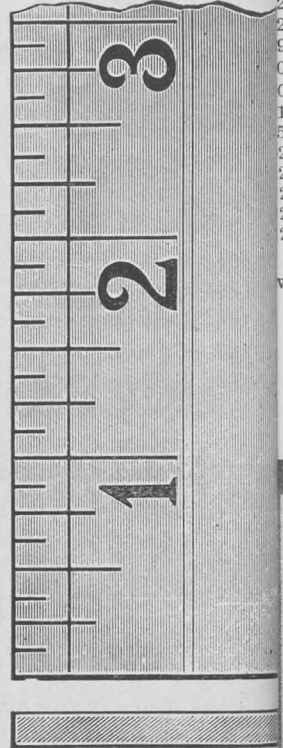
YARD STICK—1 3/8 inches wide, 5/32 in. thick, divided into eighths running in opposite directions on each side.

Price 45c
Postage 10c

TAPE LINES

66 in. long, graduated,
each \$1.25
Postage 8c

Freight or Express Charges Extra.



No. 19

YARD STICK — Marked eighths on one edge only 1 3/8 inches wide, 5/16 in. thick, plain ends.

Price 25c
Postage 10c

IT PAYS TO BUY OUR HIGH GRADE SCHOOL SUPPLIES

PICTURES FOR SCHOOL STUDY AND DECORATION



No. 7—The Angelus

No. 4239 Mona Lisa

No. 4152. Avenue of Trees

Plate Size—16" x 20"
Framed Size—20" x 26"

Plate Size 14" x 28"
Framed Size 19" x 33"

Title	Artist
7 The Angelus	J. F. Millet
27 Christ in the Temple	Hoffman
95 Dance of the Nymphs	Corot
22 The Doctor	Luke Fildes
57 End of Day	E. Adan
68 Baby's First Steps	J. F. Millet
69 Song of the Lark	Jules Breton
41 The Gleaners	J. F. Millet
14 Landscape with Mill	Van Ruysdael
63 A Frugal Meal	Jos. Israels
52 Avenue of Trees	Hobbema
39 Mona Lisa	De Vinci
25 Laughing Cavalier	Frans Hals
20 Age of Innocence	Reynolds
92 Fagot Gatherers	A. Glendenning
01 Children of Charles 1st	Van Dyke
04 Homeward Bound	Mauve
18 Sistine Madonna	Raphael
50 Paysage (Spring)	Corot
20 Feeding Her Birds	J. F. Millet
21 Dignity and Impudence	Landseer
22 Helping Hand	Renouf
23 St. Joan of Arc	DuBois
28 Horse Shoer	Landseer

No.	Title	Artist
136	Shepherdess or Evening	Le Rolle
982	The Last Supper	De Vinci
3504	Aurora	Guido Reni
3515	Sir Galahad	Watts
3671	Reading from Homer	Tadema
3690	The Horse Fair	Bonheur
3754	Oxen Plowing	Bonheur
3863	Chariot Race	Forti
3864	The Forum	Photograph
3865	Roman Coliseum	Photograph
4017	Castle St. Angelo	Photograph
4275	Stratford-on-Avon	Photograph
4351	Atlanta's Race	Poynter
4505	Young Girl at Canal	Loupt
4647	Hope	E. Burne-Jones
4779	Boy Christ (¾ length)	Hoffman
7005	Holland Flower Girl	Hitchcock
7074	The Homestead	Brown
8015	September	Halsdael

Plate Size—12" x 20"
Framed Size—16" x 24"

No.	Title	Artist
7036	Ruth	.....
7040	Springtime	R. Chiba
7041	Autumn	R. Chiba
7057	Blue Boy	Gainsborough

All above titles carried in stock in Hand Colored only. Sepia Pictures procured to order. involving about two weeks delay.

Framed Pictures,	Sepia,	Each	.....	\$4.75
"	Colored,	Each	.....	5.75
Pictures only	Sepia,	Each	.....	1.50
Pictures only	Colored,	Each	.....	2.50
Frames only, wide moulding, with glass and back		Each	.....	3.95



H. M. KING GEORGE V.
Sepia—No. 43404
Glass size 20"x26".
Oak Frame 2½" Waxed
Medium Brown.
Price complete, \$6.25

H. R. H. Prince of Wales
Sepia—No. 41407
Glass Size 17" x 22"
Oak Frame 2" Waxed
Medium Brown
Price complete, \$6.50

H. M. QUEEN MARY
Sepia—No. 43404
Glass size 20" x 26"
Oak Frame 2½" Waxed
Medium Brown
Price complete, \$6.25

IT PAYS TO BUY MOYER QUALITY SUPPLIES

BIRD PICTURES



(12 Pictures to a Set)

Beautifully Colored—7 x 9 inches

Per Set 50c.

Postage 3c.

GROUP NO. 20—Contains 1 each of:—

- No. 11—American Blue Jay
- 264—Black Throated Blue Warbler
- 16—American Robin
- 19—Red Wing Blackbird
- 20—Cardinal or Red Bird
- 21—Bluebird

- 22—Barn Swallow
- 23—Brown Thrasher
- 25—Bobolink
- 411—Rusty Blackbird or Grackle
- 27—Flicker
- 17—American Kingfisher

GROUP NO. 21—Contains 1 each of:—

- No. 515—Green Crested Flycatcher
- 31—Rose-breasted Grosbeak
- 32—Canada Jay
- 35—American Red Crossbills
- 37—Pied-billed Grebe
- 39—Long-billed Marsh Wren

- No. 41—Screech Owl
- 43—Marsh Hawk
- 45—Black capped Chickadee
- 145—Ovenbird
- 50—Catbird
- 56—Baltimore Oriole

GROUP NO. 22—Contains 1 each of:—

- No. 58—Scarlet Tanager
- 59—Ruffed Grouse
- 60—Black & White Creeping Warbler
- 63—Mallard Duck
- 66—Wood Duck
- 68—American Woodcock

- No. 72—Sora Rail
- 74—Red-breasted Merganser
- 78—Evening Grosbeak
- 82—Hermit Thrush
- 83—Song Sparrow
- 85—Ruby-throated Humming Bird

GROUP NO. 23—Contains 1 each of:—

- No. 86—House Wren
- 87—Phoebe
- 89—Mourning Dove
- 90—White-breasted Nuthatch
- 91—Blackburnian Warbler
- 92—Goldfinch

- No. 93—Chimney Swift
- 94—Horned Lark
- 95—Yellow-bellied Sapsucker
- 96—Warbling Vireo
- 98—Snow Bunting
- 99—Junco

GROUP NO. 24—Contains 1 each of:—

- No. 100—Kingbird
- 112—English Sparrow
- 122—Red-eyed Vireo
- 124—Bob-White
- 131—Purple Finch
- 136—Lesser Prairie Hen

- No. 137—Black Duck
- 142—American Sparrow Hawk
- 48—Night Hawk
- 146—American Three-Toed Woodpecker
- 158—Magnolia Warbler
- 159—Great Blue Heron

GROUP NO. 25—Contains 1 each of:—

- No. 162—Canada Goose
- 163—Brown Creeper
- 164—Downy Woodpecker
- 169—Wilson's Snipe
- 185—American Herring Gull
- 188—Red-shouldered Hawk

- No. 222—Whippoorwill
- 249—Cedar Waxwing
- 633—Canadian Warbler
- 13—Red-Headed Woodpecker
- 285—Carolina Paroquet
- 294—Cowbird

GROUP NO. 26—Contains 1 each of:—

- No. 298—Blue-winged Teal
- 321—American Bittern
- 330—Red-breasted Nuthatch
- 331—Purple Martin
- 344—Homing Pigeon
- 357—American Redstart

- No. 360—Domestic Fowls
- 380—Hawk Owl
- 405—Canada Grouse
- 26—American Crow
- 427—White-throated Sparrow
- 428—Parula Warbler

GROUP NO. 27—Contains 1 each of:—

- No. 435—Tree Sparrow
- 436—Black-throated Green Warbler
- 441—Pine Grosbeak
- 452—Chipping Sparrow
- 457—Golden-crowned Kinglet
- 460—Sharp-shinned Hawk

- No. 29—Meadow Lark
- 522—Starling
- 532—White-crowned Sparrow
- 562—Spotted Sandpiper
- 628—American Goshawk
- 609—Tree Swallow

Sets not broken.

See "Nature Study by Months," page 172.

FRUIT PICTURES (12 Pictures to a Set)

Beautifully Colored—7 x 9 inches

Per Set 50c.

Postage 3c.

GROUP NO. 28—Contains 1 each of:—

- No. 221—Nuts
- 232—The Coconut
- 235—Pineapple
- 352—Banana
- 391—Pomegranate
- 399—Orange

- No. 407—Lemon
- 480—English Walnut
- 535—Persimmons
- 623—Watermelons
- 631—Grape Fruit
- 647—Limes

FISH & SHELL PICTURES (12 Pictures to a Set)

Beautifully Colored—7 x 9 inches

Per Set 50c.

Postage 3c.

GROUP NO. 29—Contains 1 each of:—

- No. 195—Bottle-nosed Dolphin
- 271—Yellow Perch
- 279—Brook Trout
- 339—Common Sunfish
- 462—Greenland Whale
- 501—Starfish

- 551—Muskellunge
- 607—Black Bass
- 266—Shells, First Series
- 398—Pond and River Shells
- 566—Reef-building Corals
- 606—Sea Urchins

ANIMAL PICTURES (12 Pictures to a Set)

Beautifully Colored—7 x 9 inches

Per Set 50c.

Postage 3c.

GROUP NO. 30—Contains 1 each of:—

- No. 170—Black Wolf
- 171—Red Squirrel
- 174—Gray Rabbit
- 178—Coyote
- 182—American Red Fox
- 186—Raccoon

- No. 203—American Otter
- 206—Canadian Porcupine
- 216—Skunk
- 238—Common Groundhog
- 239—Common Mole
- 295—Wild Cat

GROUP NO. 31—Contains 1 each of:—

- No. 300—Black Squirrel
- 301—Weasel (Ermine)
- 308—Gopher
- 309—Mink
- 317—Muskrat
- 366—Prong-Horned Antelope

- No. 397—Black Bear
- 405—Beaver
- 413—American Elk
- 421—Buffalo
- 431—Walrus
- 439—Alaskan Moose

FLOWER PICTURES (12 Pictures to a Set)

Beautifully Colored—7 x 9 inches

Per Set 50c.

Postage 3c.

GROUP NO. 32—Contains 1 each of:—

- No. 219—Medicinal Plant, Lemon
- 225—Medicinal Plant, Ginger
- 237—Medicinal Plant, Cloves
- 251—Medicinal Plant, Coffee
- 311—Medicinal Plant, Licorice
- 384—Medicinal Plant, Vanilla

- No. 200—Goldenrod
- 229—Iris
- 248—Hyacinth
- 304—Lily-of-the-Valley
- 347—New England Aster
- Late Purple Aster
- 348—Wild Yellow or Canadian Lily

GROUP NO. 33—Contains 1 each of:—

- No. 282—Medicinal Plant, Tea
- 290—Medicinal Plant, Cocoa
- 400—Medicinal Plant, Pepper
- 472—Sugar-Cane
- 504—Medicinal Plant, Tobacco
- 567—Easter Lily

- No. 544—Roses
- 533—Carnations
- 496—Medicinal Plant, Cotton
- 488—Sweet Flag
- 356—Wild Columbine
- 354—Fringed Gentian.

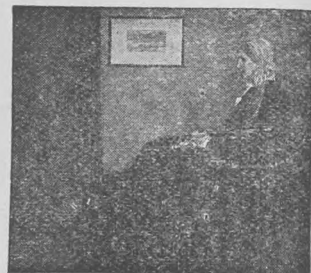
Sets not broken.

See "One Hundred Lessons in Nature Study," page 172.



PAINTINGS of MANY LANDS and AGES In Colors

A Course of Study in Art Appreciation,
employing subjects reproduced in accurate
colors.



GRADE I.

1. Angelico—Madonna and Angels
2. Correggio—The Holy Night
3. Israels—Children of the Sea
4. Landseer—An Aristocrat
5. MacEwen—With Grandma
6. Mauve—Return to the Fold
7. Murillo—Children of the Shell
8. Raphael—Madonna of the Chair
9. Reynolds—Age of Innocence
10. Velasquez—Infanta Margarita Theresa

GRADE II.

11. Breton—Song of the Lark
12. Carpaccio—Angel with Lute (Detail)
13. Carriere—Home Work
14. Corot—Dance of the Nymphs
15. Gainsborough—The Blue Boy
16. Jacque—The Sheep-fold
17. Lippi—Madonna, Jesus and St. John
18. Murillo—The Pastry Eaters
19. Raphael—Sistine Madonna (Detail)
20. Thoma—Dancing in a Ring

GRADE III.

21. Bonheur, Rosa—The Horse Fair
22. Botticelli—The Magnificat
23. Lebrun, Vigee—Artist and Daughter
24. Ruisdael—The Windmill
25. Sargent—Carnation Lily, Lily Rose
26. Del Sarto—Madonna of the Harpies
27. Von Stuck—Spring Dance
28. Titian—Lavinia
29. Troyon—Going to Market
30. Whistler—The Artist's Mother

GRADE IV.

31. Bellini—Madonna with Saints
32. Blommers—Preparing for Church
33. de Hooch—Dutch Interior
34. Kemp-Welch—Behind the Plow
35. Metcalf—Icebound
36. Millet, F. D.—Between Two Fires
37. Millet, J. F.—The Angelus
38. Rossetti—The Annunciation
39. Sorolla—Return of the Fishermen.

GRADE V.

41. Bastien-Lepage—Joan of Arc
42. Cazin—Hagar and Ishmael
43. Carlo Dolci—St. Cecilia
44. East—Evening in Algieras
45. Hals, Franz—The Jester
46. Inness—The Mill Pond
47. Millet, J. F.—The Gleaners
48. Rembrandt—A Polish Nobleman
49. Tito—Venetian Waters
50. Ufer—A Solemn Pledge
51. Artz—Orphanage at Katwyk
52. Chardin—The Kitchen Maid
53. Van Dyck—Wm. II and Mary Stuart
54. Grabar—Russian Winter
55. Hitchcock—In the Tulip Fields

56. Hobbema—Avenue of Trees
57. Kampf—Belgian Farm
58. Kisselowa—Russian Peasant Women
59. Romney—Mrs. Robinson (Perdita)
60. Vermeer—View of Delft

GRADE VII.

61. Baertsoen—View of Ghent
62. Constable—The Valley Farm
63. Church, F. E.—Cotopaxi, Ecuador
64. Goya—The Water Carrier
65. Holbein—The Merchant Giszze
66. Lawrence—Mrs. Siddons
67. Van Mieris—Woman with Clavier
68. Renoir—Paris Boulevards
69. Uprka—Going to Church in Moravia
70. Van de Velde—The Cannon Shot

GRADE VIII.

71. Doubigny—The Pool
72. Lancreret—The Dancer
73. Lavery—On the Cliffs
74. Leibl—Women in Church
75. Rembrandt—Saskia
76. Rubens—Portrait of the Artist
77. Terborch—The Concert
78. Thayer—Young Woman
79. Turner—View of Venice
80. Zorn—On the Stairs

GRADE IX.

81. Burne-Jones—Cophetua & Beggar Maid
82. David—Madame Recamier
83. Durer—Hans Imhoff
84. Homer—Wood's Island Light
85. Leonardo Da Vinci—Mona Lisa
86. Manet—The Breakfast
87. Monet—Church at Vernon
88. Puvis de Chavannes—St. Genevieve
89. Wateau—The Fete
90. Zuloaga—Consuelo

GRADE X.

91. Brown, Form M.—Washing Disciples Feet
92. Daumier—Washerwoman
93. da Vinci—The Last Supper
94. Giotto—St. Francis and the Birds
95. Inness—After a Summer Shower
96. Liljefors—Northern Sunrise
97. Rembrandt—The Syndics
98. Reni—Aurora
99. Titian—The Tribute Money
100. Turner—On the French Coast
101. Boughton—Pilgrims Going to Church
102. de Hooch—The Storage Room
103. Dyck—Children of Charles 1st
104. Hals—A Nurse and Child
105. Lawrence—The Calmady Children

SUPPLEMENTARY SUBJECTS

106. Pettie—The Vigil
107. Raeburn—Boy with Rabbit
108. Sarto—St. John the Baptist
109. Titian—Virgin on the Temple Steps

ARTEXT JUNIORS averaging $2\frac{1}{2} \times 3\frac{1}{2}$ inches.
In any of above titles.

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Lots of 25 of one title	\$ 1.00	3c.
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in any of above titles.		

See "Paintings of Many Lands and Ages," page 172.



Reeds and Raffia

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Flat, ¼ inch. Per lb.	1.00
Winding Reed, 3/16 in. wide.	
Per bunch of 500 feet	\$0.60 Post. 10c
Per 1,000 feet	1.00 Post. 15c

The illustration is not intended to show the actual size, but the proportionate differences between sizes.

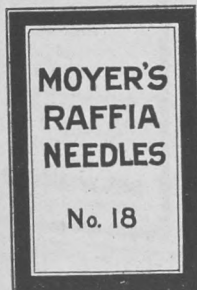
Put up in Pound Bundles. Bundles not broken. For postage add 15c lb. and 5c for each additional lb.

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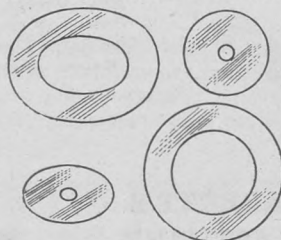


Raffia Needles—No. 18.....	12c Postage 2c
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The quality of Raffia now in stock is excellent.

Natural Raffia—	
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Special Prices on Large Quantities.	

Plasticine



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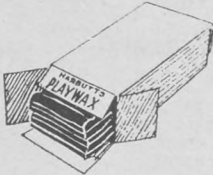
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5 Sticks assorted colors. Weight
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Postage 10c



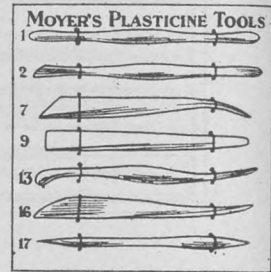
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Single Modelling
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Plasticine Modelling Boards.

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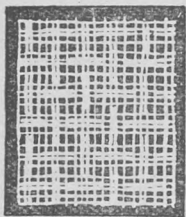
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Open weave.

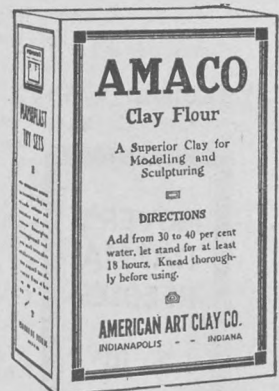
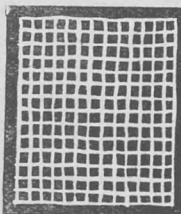
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42 inches wide, per yd. 1.50

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A fabric with mesh extensively employed for decorations, embroidery, and kindergarten work. Heavy weave.

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No. P-557—"Union" Examination Foolscap, single sheets, ruled on one side with faint lines and margin, 1,000 sheets to a ream. 10 lb. stock. $\frac{1}{2}$ Ream \$1.25; 1 Ream \$2.25; 10 Ream Lots, per Ream \$2.00.

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No. P-553—"Empire" Foolscap. Double sheets, ruled both sides, faint lines. 480 sheets to a ream. 12 lb. stock. Best Quality. $\frac{1}{2}$ Ream \$1.50; 1 Ream \$2.60; 3 Ream Lots, per Ream \$2.50; 10 Ream Lots, per Ream \$2.35.

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160 pages, size $8\frac{1}{2} \times 6$ inches. Good quality. This book makes a splendid note book for teachers and pupils.

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Good paper. Size approximately 4×5 ins.

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E-596—Size $8 \times 8\frac{1}{2}$ inches, plain blue cover, unruled. Good quality paper, 24 pages in each book. Per dozen \$0.50, postage 15c.

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White 10c

Packet of 50 sheets 35c



Assorted colors, $4 \times 9\frac{1}{2}$ ins.

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	Per sheet	Postage	Per quire 24 sheets	Postage
WHITE— 19×24 inches	.09c	.09c	\$1.75	.30c
BUFF— 19×24 inches	.10c	.10c	2.00	.30c
MOSS GREEN— 19×24 inches	.12c	.12c	2.50	.30c
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Special prices for large quantities.

See Page 68 for Desk Blotter Pad.

COMPARISON WILL LEAD YOU TO MOYER'S



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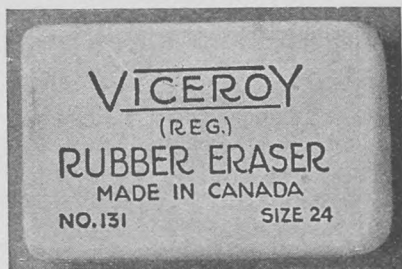
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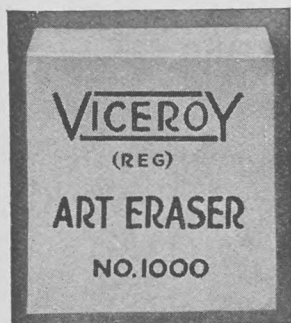
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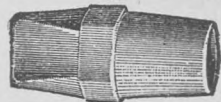
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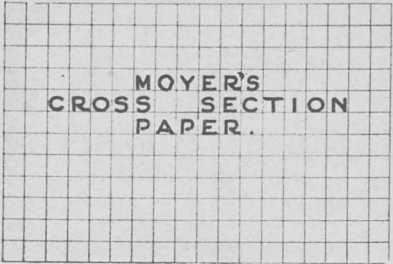
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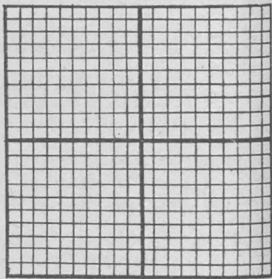
Excellent Value.

Graph Book

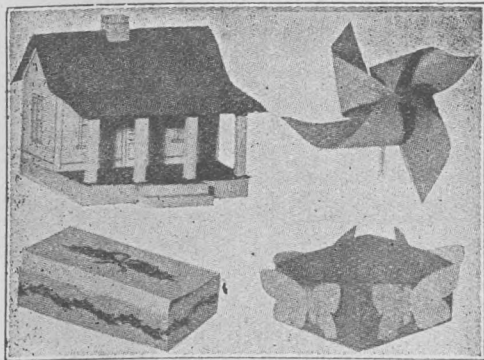
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Size 9 x 12 inches only.

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15 Sheets Bogus Paper.

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10 Sheets Cream Manilla.

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5 Sheets Grey Manilla.

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5 Sheets Colored Construction Paper.

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Contains:—

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10 Sheets White Drawing Paper.

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Best Grade

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No.	Size	Price	Postage
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For Construction Work, Toy Furniture, Portfolios, Folders, etc.

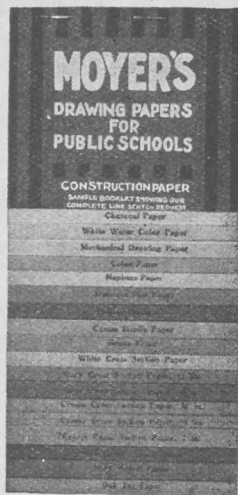
(Order by Number)

No. 40T—Size 9x12. 50 sheets	\$0.40
No. 90T—Size 9x12 in. Per pkg. 100 sheets	.75
No. 1824T—Size 18x24 in. Plain, per sheet	.05
No. 1824T—Size 18x24 in. Plain, per doz. sheets	.55
No. 1824R—Size 18x24. Ruled. One side Red and Blue Squares. Large and small. Per dozen sheets	.80

SCRIBBLING PAPER

White News Print for rough work and pencil exams.

Package of 100 Sheets, 6 in. x 9 in.	\$0.10
Package of 500 Sheets, 6 in. x 9 in.	.40
10 Ream Lots	3.50
Package of 100 Sheets, 9 in. x 12 in.	.20
Package of 500 Sheets, 9 in. x 12 in.	.75
10 Ream Lots	7.00



COLORED FOLDING PAPERS

We have selected a very high grade of engine colored papers for this work and the range of colors is exceptionally well adapted to the work for which they are used.

It may be possible to get cheaper papers but considering the high grade of paper we use and the superior colors, our customers will find all of our papers to be of better value than offered elsewhere.

100 Sheets of One Color to Package

	Size	
No. 404—Red	4 x 4	15c per Package Postage 4c
No. 404—Orange	4 x 4	
No. 404—Yellow	4 x 4	
No. 404—Green	4 x 4	
No. 404—Blue	4 x 4	
No. 404—Violet	4 x 4	

(Order by Number and Color)

100 Sheets of One Color to Package

	Size	
No. 505—Red	5 x 5	20c per Package Postage 6c
No. 505—Orange	5 x 5	
No. 505—Yellow	5 x 5	
No. 505—Green	5 x 5	
No. 505—Blue	5 x 5	
No. 505—Violet	5 x 5	

(Order by Number and Color)

100 Sheets of One Color to Package

	Size	
No. 606—Red	6 x 6	30c per Package Postage 7c
No. 606—Orange	6 x 6	
No. 606—Yellow	6 x 6	
No. 606—Green	6 x 6	
No. 606—Blue	6 x 6	
No. 606—Violet	6 x 6	

(Order by Number and Color)

6 Standard Colors per Package—Red, Orange, Yellow, Green, Blue and Violet

100 Sheets Per Package

		Postage
No. 707—Size 4 x 4	\$0.15	.04c
No. 708—Size 5 x 5	.20	.06c
No. 709—Size 6 x 6	.30	.07c

20 ASSORTED COLORS Including the Standards 100 Sheets Per Package

(Order by Number)

		Postage
No. 1000—Size 4 x 4	\$0.15	.04c
No. 1010—Size 5 x 5	.20	.06c
No. 1020—Size 6 x 6	.30	.07c
No. 1030—Size 7 x 7	.35	.08c
No. 1040—Size 8 x 8	.40	.15c
No. 1050—Size 6 x 9	.40	.15c
No. 1060—Size 9 x 12	.80	.15c

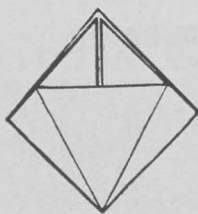


Fig. 7.

WHITE FOLDING PAPER

(Order by Number)

100 Sheets Per Package

		Postage
No. 44W.F.—Size 4 x 4	\$0.15	.04c
No. 55W.F.—Size 5 x 5	.20	.06c
No. 912W.F.—Size 9 x 12	.80	.15c

(Order by Number)

EXTRA HEAVY FOLDING PAPER FOR CONSTRUCTION WORK

Postage

100 Sheets to the Package

No. 206H.F.—Size 6 x 6 in. Per pkg.	25c	10c
No. 207H.F.—Size 7 x 7 in. Per pkg.	40c	10c
No. 208H.F.—Size 8 x 8 in. Per pkg.	50c	15c

BLACK FOLDING PAPER

100 Sheets Per Package

Postage

No. 10B.F.—Size 5 x 5, per pkg.	\$0.20	.06c
No. 20B.F.—Size 6 x 9, per pkg.	.40	.15c

(Order by Number)

UNGUMMED ONE-INCH SQUARES

(Order by Number and Color)

No. 115—Red	1 in. Squares	35c per Package Postage 3c
No. 115—Orange	1 in. Squares	
No. 115—Yellow	1 in. Squares	
No. 115—Green	1 in. Squares	
No. 115—Blue	1 in. Squares	
No. 115—Violet	1 in. Squares	
No. 115—Black	1 in. Squares	
No. 115—White	1 in. Squares	
No. 116—Asstd. Colors	1 in. Squares	
No. 116—Asstd. Colors	1 in. Squares	

FOLDING PAPER CIRCLES

(Order by Number)

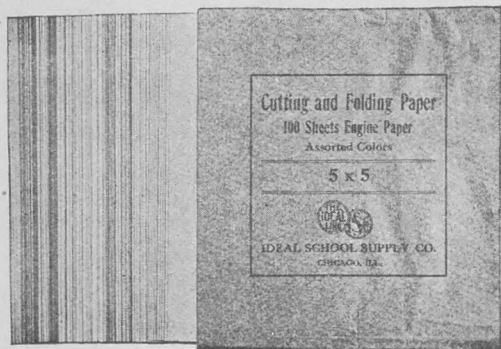
		Postage
No. 804A.C.—Size 4 in. dia. Per pkg.	30c	4c
No. 805A.C.—Size 5 in. dia. Per pkg.	40c	6c
No. 804S.C.—Size 4 in. dia. Per pkg.	30c	4c
No. 805S.C.—Size 5 in. dia. Per pkg.	40c	6c

UNGUMMED CIRCLES

(Order by Number and Color)

1000 Pieces Per Package

No. 117—Red	1 in. dia.	35c per Package Postage 3c
No. 117—Orange	1 in. dia.	
No. 117—Yellow	1 in. dia.	
No. 117—Green	1 in. dia.	
No. 117—Blue	1 in. dia.	
No. 117—Violet	1 in. dia.	
No. 117—Black	1 in. dia.	
No. 117—White	1 in. dia.	
No. 118—Asstd. Colors	1 in. dia.	
No. 118—Asstd. Colors	1 in. dia.	

CUTTING PAPER

Coated on one side. 100 Sheets to a package.

Colors:—6 standards, Red Orange Yellow, Green, Blue, Violet and Black and White.

Any of above colors.

Only one color in package.

No.	Size	Price	Postage
414	4x4	.40c	.04c
515	5x5	.60c	.06c
616	6x6	.85c	.08c
818	8x8	1.25	.10c
619	6x9	1.15	.10c
912	9x12	2.25	.15c

Each Package Six Standard Colors, Assorted

No.	Size	Price	Postage
717	4x4	.40c	.02c
718	5x5	.60c	.03c
719	6x6	.85c	.05c
720	8x8	1.25	.08c
711	6x9	1.15	.08c
712	9x12	2.25	.14c

COATED CIRCLES

These Circles may be used for cutting, folding or color study.

No. 843SC—100 Circles, 4 inch diameter, 6 standards, assorted. Per pkg. 50c
Postage 4c

No. 844SC—100 Circles, 5 inch diameter, 6 standards, assorted. Per pkg. 75c
Postage 6c

No. 846AC—100 Circles, 4 inch diameter, 25 colors assorted. Per pkg. 50c
Postage 4c

No. 847AC—100 Circles, 5 inch diameter, 25 colors, assorted. Per pkg. 75c
Postage 6c

GOLD PAPER

(Order by Number)

No. 860G—Size 4 x 4 in. 100 sheets per pkg. Per Package	75c	Postage 4c
No. 861G—Size 5 x 5 in. 100 sheets per pkg. Per Package	1.00	Postage 6c
No. 862G—Size 20 x 24 in. Per Sheet	15c	Postage 8c

SILVER PAPER

(Order by Number)

No. 860S—Size 4 x 4 in. 100 sheets per pkg.
Per Package 75c Postage 4c

No. 861S—Size 5 x 5 in. 100 sheets per pkg.
Per Package 1.00 Postage 6c

No. 862S—Size 20 x 24 in. Per Sheet 15c
Postage 8c

POSTER PAPER

This Paper is made with a finish similar to Construction Paper but lighter in weight, suitable for folding, construction and poster work. Due to the general recognition of the value of poster work, in all classes, this paper meets the need in an economical way.

100 Sheets to a Package

Colors: Red, Orange, Yellow, Green, Blue and Violet.

No.	Size	Price	Postage
204	4x4	.15c	.04c
205	5x5	.20c	.05c
206	6x6	.25c	.06c
208	8x8	.30c	.08c
211	6x9	.30c	.08c
212	9x12	.50c	.10c
213	18x24. 5 Sheets for	15c	

6 Assorted Colors in a Package

No.	Size	Price	Postage
214	4x4	.15c	.04c
215	5x5	.20c	.05c
216	6x6	.25c	.06c
218	8x8	.30c	.08c
219	6x9	.30c	.08c
220	9x12	.50c	.10c

SILHOUETTE PAPER

Black Coated



(Order by Number)

No. 830S—Size 5 x 5 in. 100 sheets per pkg.
Per Package 40c Postage 4c

No. 831S—Size 6 x 9 in. 50 sheets per pkg.
Per Package 50c Postage 4c

No. 832S—Size 20 x 24 in. Per sheet07c
6 sheets for35c

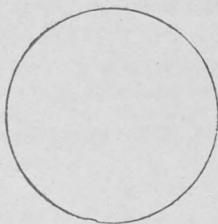
Seals and Stars

GUMMED CIRCLES

Gummed circles one inch in diameter, cut from the six standard colors of coated paper.

Five hundred in strong envelope, assorted.

No. 80—Per envelope 35c. Postage 1c.



LARGE COLORED STARS

Gummed

Size No. 5—1¼ inch

Colors—Gold and Silver only.

Fifty Stars per box
Price, per box 15c.

COLORED STARS

Gummed

Colors: Gold, Silver, Red, Blue, Green.

100—Per Box 15c.

6 Boxes for 75c.

Postage Extra



Gummed Stars cut from gummed coated paper, ½ inch, six standard colors assorted.

No. 83—500 Assorted in an envelope 30c.

Postage 1c

Patriotic and Holiday Seals



SEAL N° P 419



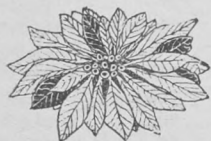
SEAL N° H 729 ASST'D.

5 Assorted Designs



SEAL N° F 724

4 Assorted Designs



SEAL N° 604



SEAL N° 613



SEAL N° 603



N° B 714



SEALS N° V 643 ASSTD

2 Assorted Designs



SEALS N° E 687 ASST'D.



N° B 691



N° B 713

Beautifully printed in colors, on very fine quality paper heavily gummed and embossed. Illustrations are exact size.

Price, per box 15c

4 for 50c



N° T 722

LIQUID TEMPERA COLORS

Show Card Colors
Single Tubes

Collapsible tubes—Permanent White, Raw Sienna, Burnt Sienna, Carmine, Vermilion, Crimson Madder (dark), English Red (light), Van Dyck Brown, Neutral Grey, Ivory Black, Ultramarine, Prussian Blue, Cobalt Blue, Chrome Yellow (light), Chrome Yellow (dark), Indian Yellow, Cinnabar Green (light), Cinnabar Green (dark), Emerald Green.

Per Tube \$0.20

In 2-oz. Bottles—12 Colors

Light Red, Dark Red, Black, White, Light Green, Dark Green, Yellow, Orange, Light Blue, Dark Blue, Lavender, Brown.

Per Bottle \$0.40

“ENAMELAC”

This is an air-drying enamel paint for use on metal, papier-mache, wood, glass, etc. It dries overnight, is waterproof, ready for use and durable.

Teachers will find this material invaluable for use in decorating tin boxes, tin cases, trays, wooden objects.

Supplied in the following colors:

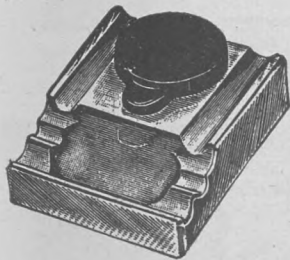
Brown
Light Yellow
Yellow
Orange
Dark Orange
Red Orange
Light Red
Red
Dark Red
Light Blue
Turquoise Blue
Blue
Dark Blue
Light Green
Green
Dark Green
Light Grey
Neutral Grey
Dark Grey
Vermillion
Black
White
Silver
Gold.

Per can, ready for use \$0.40
Gold and Silver, per can75

ENAMELAC BRUSH

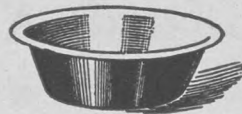
A Special Brush, $4\frac{1}{2}$ inches long, with $\frac{1}{8}$ inch edge, and short handle, especially designed for applying Enamelac.

Each \$0.25

**SINGLE INK STAND**

Price \$1.35

Postage 15c

ENAMELLED WATER PANS**Bronze Water Pans—**

Each 10c Per Doz. \$1.00

Green Enamelled Water Pans—

Each 15c Per Doz. \$1.50

GOLD AND SILVER PAINT

Excellent quality and permanent brilliancy. Mixed with water only.

Per Pan \$0.10

PRANG'S ART TABLETS

232—Prang's Art Tablet Drawing Paper, contains 30 sheets Grey Manilla Drawing Paper 9x12. Price, each \$0.15

233—Prang's Art Tablet Drawing Paper, contains:—

10 Sheets Cream Manilla Paper 9x12.
3 Sheets Grey Manilla Paper, 9x12
5 Sheets White Paper, 9x12

No. 232 and 233—Price each \$0.15

Per dozen 2.25

GRAPHIC DRAWING BOOKS

Recognized by educators as the best Drawing text published.

Numbers 1, 2, 3, and 4, for Grades 1 to 4.
Each 25c

Numbers 5, 6, 7, and 8, for Grades 5 to 8.
Each 30c

Teacher's Manual to Books 1 to 8 75c

INDUSTRIAL ART TEXT BOOKS

The latest and most complete series of Text Books in Public School Art yet issued. Covers fully Manual and Industrial Art Problems.

Eight Book Series

Books 1, 2, 3, and 4. Each 60c

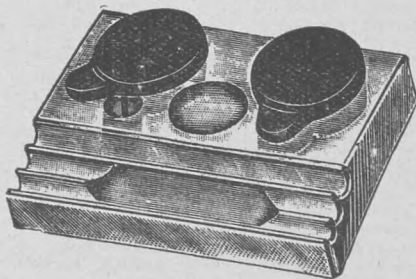
Books 5, 6, 7, and 8. Each 70c

Teacher's Manual 85c

New Four Book Series

An abridged series designed especially for Canada.

Books 1, 2, 3, and 4. Each 60c

**DOUBLE INK STAND**

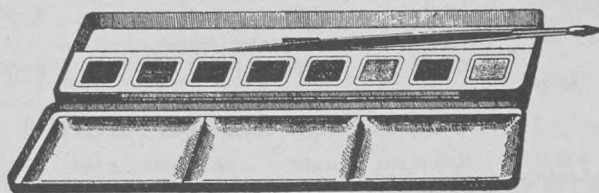
Price \$2.60

Postage 20c

ORDER A SIGN BOARD FOR YOUR SCHOOL TO-DAY

Art Materials

WATER COLOR BOXES

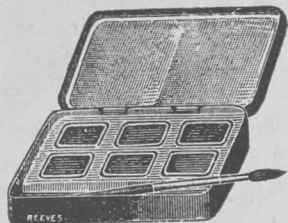


No. 80

No. 80—8 Color Box—1 color each—Carmine Tint, Chrome Orange, Gamboge Tint, Ultramarine, Hooker's Green Deep, Purple Lake, Sepia, and Ivory Black.

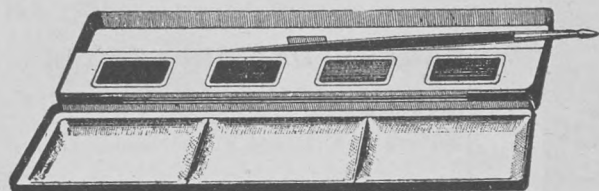
With Brush 60c
Without Brush 50c
Refills in Pans, per dozen 50c

Postage 5c



Box No. 25-B—Contains one each of the following colors and a brush: Olive Green, Chinese White, Ivory Black Sepia, Ultramarine, Light Red.

With brush, price 35c

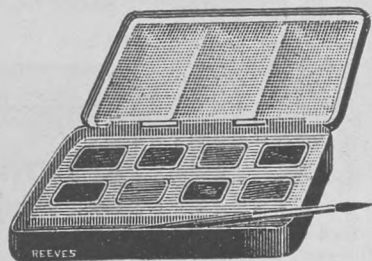


No. 40

No. 40—4 Color Box—1 color each—Carmine, Gamboge, Blue, Charcoal Gray, and No. 7 brush.

With Brush 55c. Postage 6c
Without Brush 45c. Postage 6c
Refills, without pans, per doz. 45c

Postage 5c



Box No. 25-N.B.—Contains one each of the following colors and a brush: Carmine Tint, Cobalt Blue Tint, Payne's Grey, Crimson Lake, Raw Umber, Gamboge Tint, Hooker's Green Pale, Warm Sepia.

With brush, price 45c

Refills for boxes 25-B or 25-N.B.

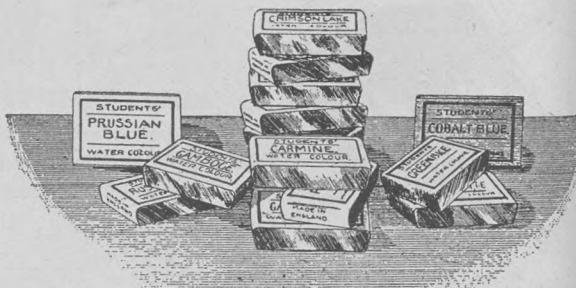
In pans, per dozen 50c. Postage 5c
Without pans, per dozen 35c. Postage 5c

REEVES REFILLS FOR METAL PANS

List of Colors

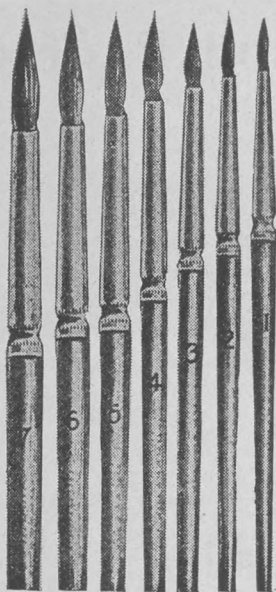
Antwerp Blue	Ivory Black
Brown Madder	Lamp Black
Burnt Sienna	Lemon Yellow
Burnt Umber	Light Red
Cadmium Yellow	Mauve
Tint	Naples Yellow
Carmine Tint	Neutral Tint
Chrome White	Olive Green
Chrome Yellow, Pale	Payne's Grey
Chrome Yellow, Mid.	Prussian Blue
Chrome Yellow, Deep	Purple Lake
Chrome Orange	Raw Sienna
Cobalt Blue Tint	Raw Umber
Crimson Lake	Rose Madder
Emerald Green Tint	Sap Green
Gamboge Tint	Scarlet Lake
Green Bice	Sepia
Hooker's Green, Pale	Ultramarine
Hooker's Green, Deep	Vandyke Brown
Indian Red	Vermillion Mid. Tint
Indian Yellow	Warm Sepia
Indigo Tint	Yellow Ochre

Made in England



State which box refills are for.

See Page 93 for Water Color Papers.



Moyer's Brushes

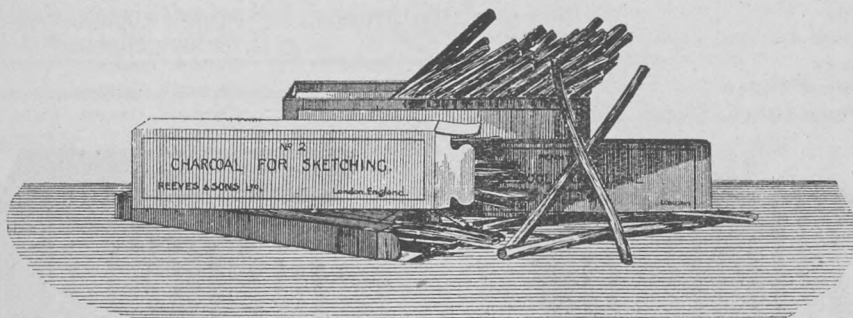
WATER COLOR BRUSHES

Finest Selected Squirrel Hair; Polished Handles; Ferrules firmly attached to handles.

Each Postage Per Doz. Postage

No. 1	.....	\$ .10—2c	\$1.10—3c
No. 2	.....	.11—2c	1.20—3c
No. 3	.....	.12—2c	1.30—3c
No. 4	.....	.13—2c	1.40—4c
No. 5	.....	.14—2c	1.50—4c
No. 6	.....	.16—2c	1.75—4c
No. 7	.....	.19—2c	2.15—4c
No. 8	.....	.20—2c	2.30—5c
No. 9	.....	.25—2c	2.70—5c
No. 10	.....	.28—2c	3.10—5c
No. 11	.....	.35—2c	3.90—6c
No. 12	.....	.41—2c	4.75—6c

CHARCOAL STICKS



50 Sticks to the box. Price 40c
Postage 5c.

FIXATIF

1 oz.	.....	20c	Postage	.....	10c
2 oz.	.....	35c	Postage	.....	15c
4 oz.	.....	60c	Postage	.....	15c

ATOMIZER FOR SPRAYING FIXATIF

Price	.....	25c
Postage	.....	3c

Reeves' Students' Water Colors

IN PURE TIN TUBES

Made in the Following Tints:

Antwerp Blue	Emerald Green Tint	Payne's Grey
Brown Madder	Gamboge Tint	Prussian Blue
Burnt Sienna	Hooker's Green Pale	Purple Lake
Burnt Umber	Hooker's Green Deep	Raw Sienna
Cadmium Yellow	Indian Red	Raw Umber
Tint	Indian Yellow	Rose Madder
Carmine Tint	Indigo Tint	Sap Green
Green Bice	Ivory Black	Scarlet Lake
Chinese White	Lamp Black	Sepia
Chrome Yellow Pale	Lemon Yellow	Ultramarine
Chrome Yellow Mid.	Light Red	Vandyke Brown
Chrome Yellow Deep	Mauve	Vermilion Mid Tint
Chrome Orange	Naples Yellow	Warm Sepia
Cobalt Blue Tint	Neutral Tint	Yellow Ochre
Crimson Lake	Olive Green	

Price Per Tube 15 cents

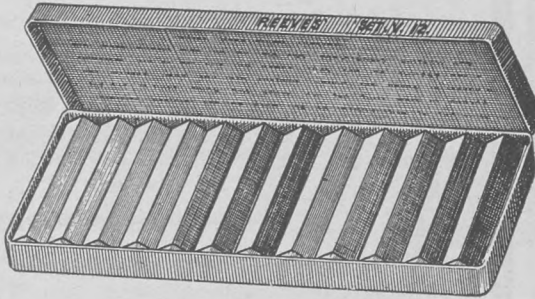
See Page 93 for Water Color Papers



Terrachrome and Greyhound Pastels

TERRACHROME CRAYONS

Burnt Umber, Deep
 Chrome Lemon
 Chrome Yellow
 Chrome Orange
 Chrome Green, Pale
 Chrome Green, Mid.
 Chrome Green, Deep
 Crimson
 Grey Black



Hooker's Green, Pale
 Light Red
 Prussian Blue, Pale
 Prussian Blue, Deep
 Velvet Black
 Vermilion, Pale Tint
 Violet
 White
 Yellow Ochre, Pale

Set V-12—Contains one each of the first 11 tints and an extra white. Price\$0.35
 Set V-19—Contains one each of the 17 tints and an extra white. Price, (supply limited) .45

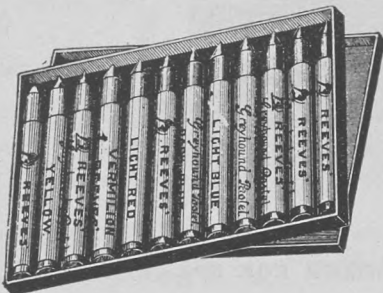
SCHOLARS' SETS IN CARD BOXES

Set D-12—Contains the first 12 colors given below. Price\$0.20
 Set D- 9—Contains the first 9 colors given below. Price15
 Set D- 6—Contains the first 6 colors given below. Price10

White
 Vermilion
 Orange
 Chrome Yellow
 Chrome Green, Deep

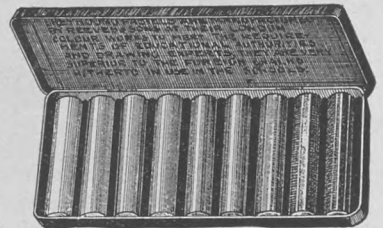
Prussian Blue, Deep
 Violet
 Burnt Umber, Deep
 Grey Black
 Light Red

Prussian Blue, Pale
 Chrome Green, Mid.
 Yellow Ochre
 Chrome Lemon
 Chrome Green Pale



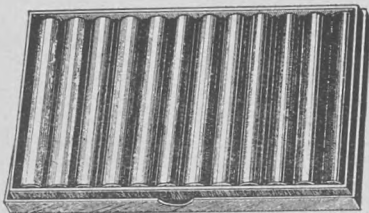
Pastels Pointed and Paper Covered

Set J10—Contains 10 Pastels: White, Vermilion Pale Tint, Chrome Orange, Chrome Yellow, Chrome Green Deep, Prussian Blue Deep, Violet, Burnt Umber Deep, Grey Black, Light Red. Price 20 cents



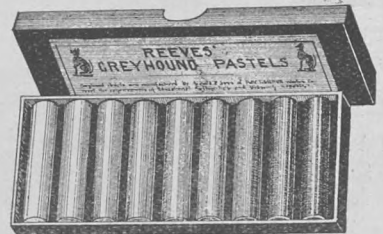
SET A

Set A—Metal Box containing 9 Pastels: White, Vermilion Pale Tint, Chrome Orange, Chrome Yellow, Chrome Green Deep, Prussian Blue Deep, Violet, Burnt Umber Deep, Grey Black. Price 20 cents



Pastels Unwrapped and Not Pointed

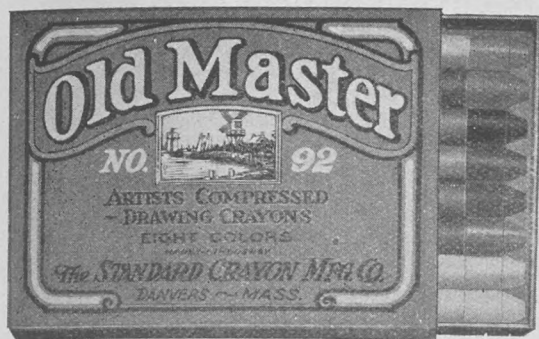
Set L10—Contains 10 Pastels: White Vermilion Pale Tint, Chrome Orange, Chrome Yellow, Chrome Green Deep, Prussian Blue Deep, Violet Burnt Umber Deep, Grey Black, Light Red. Price 15 cents



SET B

Set B—Cardboard Box containing 9 Pastels as above. Price 10 cents

AVOID THE ANNUAL FALL RUSH—ORDER IN AUGUST

**OLD MASTER**

ARTIST'S COMPRESSED DRAWING
CRAYONS—NO. 92

Eight Colors $3\frac{1}{2}$ in. long, $\frac{5}{16}$ in. thick.

An assortment of 8 Crayons of the highest quality.

Per box	20c	Postage 4c
Per doz. boxes	\$2.20	Postage 20c

CRESTLIGHT

Similar quality to Old Master, but smaller.

COMPRESSED CRAYONS

NO. 19

Eight Colors 3 in. long, $\frac{1}{4}$ in. thick
Red, Yellow, Blue, Black, Orange, Green,
Violet, Brown.

Per box	10c	Postage 3c
Per doz. boxes	\$1.10	Postage 15c

THE ARTCO PASTEL

FOR SUPERIOR PASTEL WORK

$2\frac{1}{2}$ in. long x $\frac{5}{16}$ in. thick

Clean and practical when used with our fixatif.

No. 7—Seven small sticks assorted.

Per box	10c	Postage 3c
Per dozen boxes	\$1.10	Postage 15c

No. 8—Eight sticks assorted. Size
 $3\frac{5}{16}$ x $\frac{5}{16}$.

Per doz. boxes	2.20	Postage 20c
----------------------	------	-------------

**WINDSOR ART CRAYONS**

NO. 10.

$3\frac{1}{8}$ in. long, $\frac{1}{4}$ in. thick.

WAX CRAYONS

10 assorted colors, excellent in color and strength.

Per box	10c	Postage 3c
Per doz boxes	\$1.10	Postage 15c



FOR SCHOOL AND HOME USE

All Crayons paper wrapped. Size $3\frac{3}{8}$ x $\frac{5}{16}$ in.
In neat Cardboard box.

Box No. 8—8 Assorted Crayons, each	\$0.10
Per Dozen Boxes	1.10

Box No. 12—12 Assorted Crayons, each .....	.15
Per Dozen Boxes	1.50

Box No. 24—24 Assorted Crayons, each .....	.25
Per Dozen Boxes	2.75

No. 8—One color per box. Supplied in the following colors: Red, Green, Brown, Orange, Blue, White, Yellow, Violet, Black.

Per box	10c	Postage	3c
---------------	-----	---------------	----

State Color Wanted

KINDERGARTEN CRAYONS

AN EXCELLENT GRADE OF WAX MARKING CRAYONS

$5\frac{1}{4}$ in. long, $\frac{1}{2}$ in. thick.

Supplied in the following eight colors: Red, Orange, Yellow, Green, Blue, Violet, Black, Brown.
One dozen of one color in a box. Price

45c	Postage	10c
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State Color Wanted.

See Page 93 for High Grade Drawing Papers.

Moyer's Report Cards, Booklets and Teachers' Reports

MOYER'S REPORT CARD (Form 80)

1921 TO 1922

Half Days
Times Late

Conduct

Reading

Writing

Spelling

Geography

Canadian History

English History

English Grammar

Composition

Nature Study

Arithmetic

Mental Arithmetic

Algebra

Geometry

Drawing

Agriculture

Hygiene

Latin

French

Daily Marks

Total

Signature of Parent or Guardian

Signature of Teacher

Remarks by Teacher

Signature of Teacher

THE MOYER SCHOOL REPORT CARD

SCHOOL DISTRICT No.

MONTHLY REPORT

Year 1921 to 1922

This is something which every school should have. It is a medium between the teacher and the parents and shows exactly how the pupil is progressing. These cards are good for twelve months.

This card is recommended very highly by Teachers and Inspectors. Prices as follows:

12 Report Cards	Postpaid \$.25
100 Report Cards	Postpaid 1.75
200 Report Cards	Postpaid 3.25
500 Report Cards	Postpaid 7.00
1,000 Report Cards	Postpaid 13.00

Envelope with thumb-hole for keeping card clean, per dozen extra, 25c, or \$1.50 per 100.

Sample of Teacher's Monthly Report Sheet—Form 82

For Sale by E. N. Moyer Company Limited, School Furnishers, School Desk, Globes, Maps, Furnishings, Stationery and all Supplies. Wholesale - Winnipeg, Canada.

TEACHER'S REPORT

School District No. _____
Report on Pupil _____

Grade _____
For _____ ending _____

Subject of Examination	Marks Obtainable	Highest Marks by any Pupil	Marks by this Pupil	Standard	Rank
Reading					
Literature					
Writing					
Spelling					
Geography					
Canadian History					
English History					
English Grammar					
Composition					
Nature Study					
Arithmetic					
Mental Arithmetic					
Algebra					
Geometry					
Drawing					
Agriculture					
Hygiene					
Latin					
French					
Daily Marks					
Total					

Conduct _____
Half Days Absent _____ Times Late _____
Will parents kindly co-operate with the teacher in seeing that the homework is regularly prepared, and in securing regular and punctual attendance.
Please acknowledge the receipt of this report.

Parent or Guardian
This report should be signed by parent or guardian and returned just as soon as possible.

Excellent, Very Good, Good, Fair, Indifferent, Poor.

Done up in pads of 100 Sheets.
Price _____ Per pad 50c
(Postage extra 5c)

MOYER'S MONTHLY REPORT BOOKLETS

GRADING

I. EXCELLENT II. FAIR
III. GOOD IV. POOR

Parents (or guardians) are asked to co-operate with the Teachers in securing punctual and regular attendance and to confer with the Teachers in regard to the work progress and health of pupils.

Parents for gradebooks are requested to inspect the monthly reports carefully, sign and have them returned at once.

Principal

Inspector

MONTHLY REPORT

OF _____

Grade _____ School _____

For the Month of _____

Teacher

SUBJECT	GRADING	SUBJECT	GRADING
Reading		Drawing	
Literature		Handwork	
Composition		Writing	
Grammar		Music	
Spelling		Hygiene	
History		Times taken	
Geography		Times late	
Nature Study and Agriculture		Grading in Class	
Arithmetic		Number in Class	
Geometry		Conduct	
Algebra			

REMARKS

Parent or Guardian

A neat booklet containing 12 pages of report forms, one page for each month, good for one year. This is a new revised edition containing a most complete list of subjects including High School work. A Heavy Envelope is supplied with each book.
Size 5½ x 3½ in.

Prices:

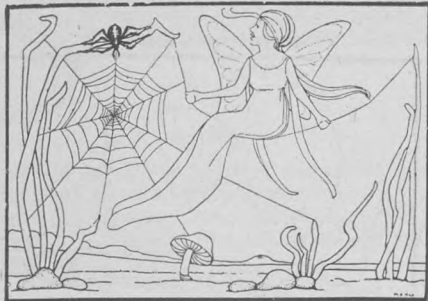
12 Books with Envelopes	\$0.50.	Postage 8c
100 Books with Envelopes	3.75.	Postage 25c
500 Books with Envelopes	16.00	Express extra

Special Prices on Larger Quantities

SOME NEW POSTER PICTURES TO COLOR, CUT AND PASTE

The subject and titles of these new posters are a practical assurance of their ready sale, and the fact that they are drawn by Marie A. Hull gives further assurance that the sets will please you.

Fairy Folk Pictures to Color—No. 10



The graceful lines of these twelve drawings by Marie A. Hull make this set of fairy folk-pictures a very interesting and pleasing one for children to color. The characters are fairies and brownies, and as each one is associated with some phase of nature life, the pictures are instructive as well as entertaining. Printed on cards of good quality, size $5\frac{1}{2} \times 8$ inches. Price 20 cents a set, postage 5c.

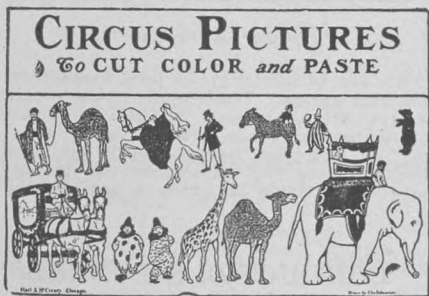
Sunbonnet Girls and Overall Boys to Color—No. 11

A glance at these twelve pictures will immediately reveal the fact that Marie A. Hull, in her delineation of these familiar characters, has shown the action and life of these folk of the world of the imagination in an unusual and interesting manner. They are shown as actively engaged in such work and play as the child understands and appreciates, hence are useful for language work and story telling, as well as occupational seat work. Pictures are printed on twelve cards $5\frac{1}{2} \times 8$ in. Price 20 cents a set, postage 5c.

PICTURES TO CUT, COLOR AND PASTE

This is a new series with a new idea, and we have already demonstrated that it is a success. It is a three-in-one proposition and for this reason will be in large demand. Further, the subjects we have chosen for these pictures are such as appeal to child life.

Circus Pictures to Cut Color and Paste—No. 15



This set of Circus Pictures to Cut, Color and Paste, is the most interesting set of pictures that has ever been prepared. It consists of 16 cards, each 6×9 inches, with pictures of elephants, monkeys, giraffes, bears, camels, lions, circus wagons and clowns. Color suggestions in story form, are given in connection with each picture. The outlines are simple, therefore the pictures are easy to cut. As a seat work item we believe there is nothing that will prove more fascinating than this set. Price 20 cents a set, postage 5c.

ENGLISH CLOTH MENDING TAPE

A very strong tape for mending Books and Fabrics, etc. Large Rolls.

No. 3, White; No. 4, Black.

Per Roll 20c Postage 2c
6 Rolls for \$1.00 Postage 5c

PASSE PARTOUT OR PICTURE BINDING

For the easy and artistic framing of snapshots, small pictures, drawings and colored prints. Strong, appropriate colors and strongly gummed.

No. 1 Black
No. 2 White
No. 3 Grey
No. 4 Bottle Green
No. 5 Dark Brown
No. 6 Dark Red
No. 15 Sage Green

In Rolls—12 yds. long, $\frac{7}{8}$ in. wide. Per Roll \$0.25
Postage 3c

Dull Gold Picture Binding, 6 yds. by $1\frac{1}{4}$ in.

Per Roll \$0.30 Postage 3c



Peter Rabbit Pictures to Cut, Color and Paste, No. 16



This set, like Circus Pictures to Cut, Color and Paste, is something new in the line of seat work. Peter, his Mother, and Flopsy, Mopsy and Cottontail, and other members of his family, are all well known characters with the little folks. Sufficient text is printed on each card to connect it with the story of Peter Rabbit, and yet each picture is a complete study in itself. The set consists of 16 cards, 6×9 inches.

Price 20 cents a set, postage 5c.

Mother Goose Pictures to Cut, Color and Paste—No. 17

Mother Goose is the best known character in child literature and for this reason Mother Goose pictures to Cut, Color and Paste is an especially interesting set. It will prove very valuable in primary grades. Each picture tells a wonderful story and is accompanied by the text of the story it illustrates. There are 16 pictures in all, each printed on a card 6×9 in. Price, 20 cents a set, postage 5c.

TRANSPARENT ADHESIVE TAPE



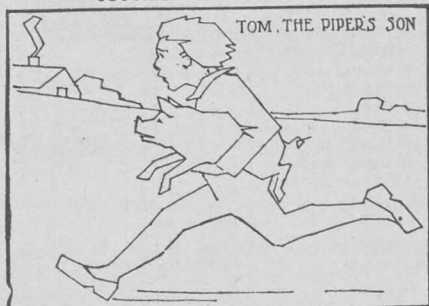
Gummed Paper for mending torn papers of any kind in books, music, etc.

Per Roll 10c Postage 2c
3 Rolls for 25c Postage 4c

A New Line of Sewing and Color Cards

In this new line of cards, drawn for us by Marie A. Hull, we are offering a series of sewing and color cards which have more artistic value than any others we have seen. Each set consists of 12 cards 5x6½ inches. Printed on heavy paper of such quality that the pictures may be used for coloring as well as for sewing.

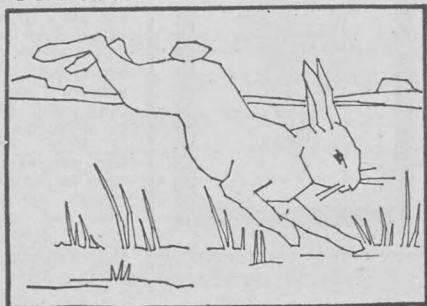
Mother Goose Series



Mother Goose Series—No. 1.

This set consists of twelve drawings of the best known Mother Goose characters. They are Old Mother Hubbard, Little Boy Blue, Little Jumping Joan, Curly Locks, Tom the Piper's Son, Doctor Foster, Peter-Peter Pumpkin Eater, Baa Baa Black Sheep, Little Tommy Tucker and others. Price, 20 cents a set. Postage 5c.

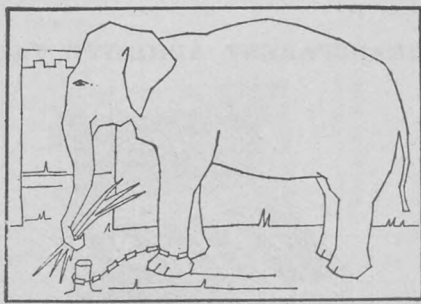
Peter Rabbit and Brother Bruin Series



Peter Rabbit and Brother Bruin Series—No. 2

Because Peter Rabbit and his folk are familiar friends of the little ones and Brother Bruin and Grizzly Bear are also interesting characters to child life, this set of sewing cards makes a strong appeal to children. Price 20 cents a set. Postage 5c.

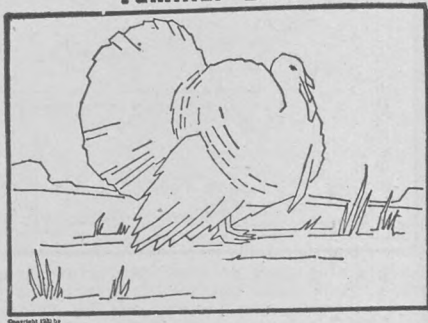
Circus - Friends



Circus Friends—No. 3

A most interesting set of 12 pictures for little folks—there are pictures of Jumbo, the elephant; Jocko, the monkey; the seal, the lion, the camel, the tiger, the kangaroo, the hippopotamus, the giraffe, all in natural surroundings. Price 20 cents a set. Postage 5c.

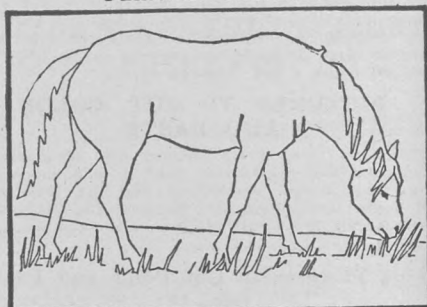
Familiar - Birds



Familiar Birds—No. 4

This attractive set of twelve bird pictures is made up of well known domestic fowls and familiar wild birds of the field and forest. They are all birds of such characteristics that they will be easily recognized by even the youngest children in your classes. Price 20 cents a set. Postage 5c.

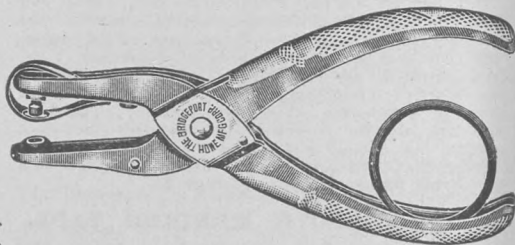
Familiar - Animals



Familiar Animals—No. 5

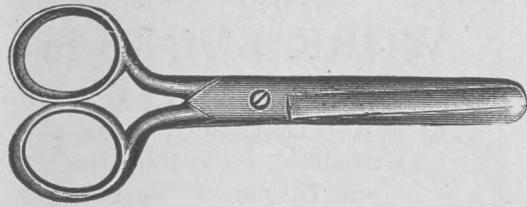
This set is made up of well known animals wild and tame. They are drawn in characteristic attitudes and though they are intended primarily as sewing cards, they, like the rest of the series, may be used for coloring after the outline of the picture has been sewn. Price 20 cents a set. Postage 5c.

CONDUCTOR'S PUNCHES

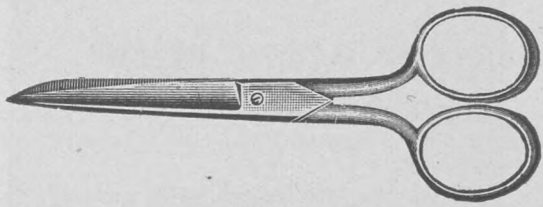


High Grade nicked conductor's punches for perforating papers, cardboard, textiles etc. Price 75c Postage 6c

KINDERGARTEN SCISSORS AND TEACHERS SHEARS



M-1073



M-1075

- M-1071—4 in. Blunt Points, Japanned Handles, Polished Blades. Each 20c, per dozen \$2.00
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 M-1077—5 in. Sharp Points, Nickelled Handles and Blades. Each 45c, per dozen 4.25
 M-1079—6½ in. Sharp Points, Nickelled Handles and Blades. Each 65c, per dozen, 6.00

BRITISH OUTLINE PAINTING AND EMBROIDERY CARDS

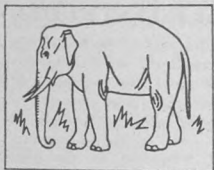
"Household Objects"

1. Front Door
2. Stairs
3. Table and Vase
4. Arm Chair
5. Fireplace
6. Sofa
7. Piano
8. Kitchen-dresser
9. Bed and Chair
10. Chest of Drawers
11. Dressing-table
12. Washstand.



- 12 Designs, 6 x 8 inches. Series No. 753.
 Price \$0.45 Postage05c

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1. Lion
2. Tiger
3. Elephant
4. Leopard
5. Polar Bear
6. Giraffe
7. Sea Lion
8. Reindeer
9. Camel
10. Rhinoceros
11. Ostrich
12. Zebra

- 12 Designs, 6 x 8 inches, Series No. 754.
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Ye Olde English Nursery Rhymes

Colored Sewing Cards

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3. Tom, Tom, the Piper's Son.
4. Little Miss Muffet.
5. Multiplication is Vexation.
6. Hush Baby, my Dolly.
7. Mary, Mary, Quite Contrary
8. I Had a Little Hobby-Horse.
9. Little Bo-Peep.
10. Robert Barnes, Fellow Fine.
11. To Market, To Market.
12. Little Jack Horner.



- Price \$0.45 Postage05c

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5. Cow
6. Goat
7. Rabbit
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10. Cat
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- 12 Designs, 6 x 8 inches. Series No. 752.
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- 277—Coarse, per dozen \$1.00 Postage 5c
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TAPESTRY OR SEWING CARD NEEDLES

Large eyes, blunt points

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| No. 18 | Very coarse |
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- Each package contains 25 needles.
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WOOL

In the following colors:

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|-------|---------|---------|--------|-------|
| Red | Orange, | Yellow, | Green, | Pink, |
| Blue, | Violet, | Black, | White, | Grey, |
| | | | | Brown |
- 1 Lap. 2 fold. Price 25c Postage 2c
 1 Lap. 4 Fold. Price 25c 2c

SILKINE

For use with our Sewing Cards

List of 12 Colors.

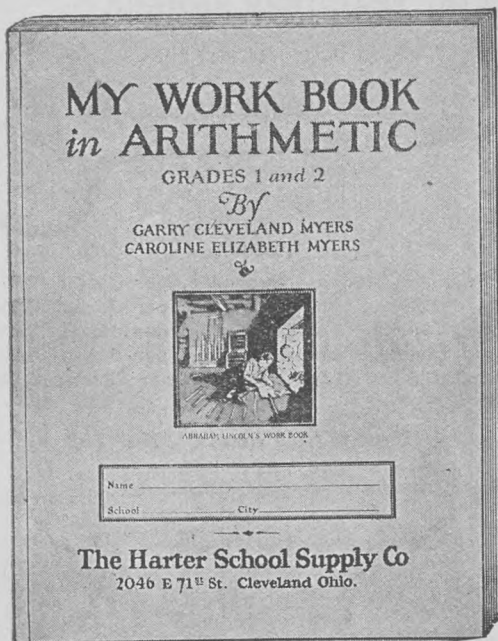
- | | | |
|---------------|--------|-------------|
| Red. | Blue. | Dark Brown. |
| Orange. | | Violet. |
| Golden Brown. | | Yellow. |
| Black. | Mauve. | Green. |
| White. | Pink. | |

- Price per Spool 10c. Postage 2c
 Price per Dozen, any assortment \$1.00, 10c



BOOKBINDERS' CLOTH

- Tan Color. 36 in. wide. Per yard 60c



NEW ARITHMETIC LESSON PLANS

FOR THE TEACHER—These Harter Work Books offer a distinct type of lesson plan complete in every detail, in which the most advanced standards of materials and method are so correlated as to relieve the teacher of the burdens of routine drill and the drudgery of preparing lesson plans. By placing major emphasis on self instruction these books help each pupil to become his own teacher. Each volume includes a full semester's balanced drill in all of the facts and skills required in the respective subjects. Each provides the comforting assurance of daily progress and mastery of your curricular essentials by every pupil.

Teachers use the single copies as Lesson Plans and outlines to be dictated to the pupils; or each pupil may be requested to buy his own copy and perform the exercises in the pages of the book.

FOR THE PUPIL—Children of all ages love to learn for themselves and by themselves. They revel in the sheer joy of doing a "job" independently. Harter Work Books stimulate this natural desire by unfolding page after page of concrete illustrative learning material in terms that every child can understand and that encourages him to think and work on his own initiative.

Consciousness of his own growth as lesson after lesson is completed offers a new kind of incentive and reward which makes his every classroom task pleasure.

SCIENTIFIC BACKGROUND

My Work Books by Dr. Garry Cleveland Myers and Mrs. Myers, are based upon the finding of two researches by the senior author and conclusions leading from them published in his "Prevention and Correction of Errors in Arithmetic", now widely read by classroom teachers, supervisors, and graduate students.

The second research reported in the same book, Chapter XI, is "An Experimental Study of Imagination in Arithmetic". In that research he demonstrated objectively the superiority of the Imaginative (story) problem over the traditional problem of the average text.

Students' Own WORK BOOKS in ARITHMETIC

by Garry Cleveland Myers, Ph. D.
Cleveland School of Education
and Caroline E. Myers
—for—
Grades 1 to 6

Providing wholly new plans, methods, and procedure for individual self-instruction in all of the number facts and processes required in each grade.

This new Harter Series offers a practical application of the newer scientific studies in Arithmetic. Each book is a complete course of study for the grade indicated and accomplishes the following purposes:—

(a). They are built upon the principle of accuracy first. They aim to prevent rather than to perpetuate mistakes. They teach the child how to avoid errors and help him get the happy feeling of success.

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(c). Each book is a picture book. It is a fascinating silent reader.

(d). The drills are cumulative but they have variety.

INDIVIDUAL SELF-INSTRUCTION

(e). These Work Books are self-teaching. The teacher merely guides, inspires, and makes periodic checks. She has the time to be human with her children. She and her pupils are freed from the drudgery of copying on and from the blackboard.

(f). These work books provide as do other texts for individual differences. Each child works at his own speed; there is no stop-watch annoyance for him.

(g). Beyond the first book a wholly unique method is employed. It is the slow moving picture that is permanent, at any time the child can turn back each learning step. (See following page.)

(h). These work books provide the pupil, the teacher and the parent with a permanent record of all his work in arithmetic. They tell the story page by page of how well he has done. The pupil has a reason, therefore, to try to do his best.

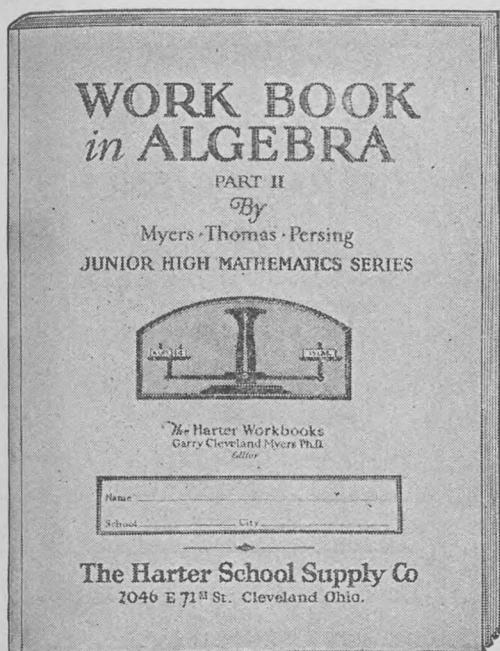
GREATER PUPIL INTEREST

By providing imaginative story problems and allowing space in his work book for the pupil to work out his problems and exercises in the pages accompanying the learning exercises, we establish a definite goal for him which will sustain his interest throughout the book. He is developing for himself a permanent record of his scholastic achievement. He finds his motivation in the thrill of successful learning and in this tangible evidence of his successful progress.

First and Second Grade Volume, List Price.....\$0.95
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The Harter Algebra Work Books may be used (a) as a teacher's handbook for developing detailed algebra lesson plans, (b) as basal texts, and (c) as supplementary exercises for vitalizing the texts already in use.

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Economy—Harter work books are complete in every detail. No other text or supplementary material is needed. The expense of practice paper is entirely eliminated.

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List Price per volume, 160 pp. ----- \$1.20

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PERCENTAGE APPLIED

for Junior High School

By Martha Cooke, M. A.

This new Junior High Teacher's Handbook aims to suggest to the teacher some means of making the business arithmetic needed by every person, regardless of vocation, interesting to children of junior high school age. The point of view is that of the classroom teacher.

The informational side of the work is stressed and the material is developed largely in reproductions of actual class discussions. A brief unit on the development of money in this country is included in connection with the study of bank-

ing. Other topics covered are Profit and Loss, Commission, Discount and Interest.

Nearly every text-book defines the terms used in business and illustrates the uses of percentage in business, but an adequate *approach* to the topic is seldom given in a text-book. This pamphlet, which is *not* a text-book gives this approach and shows how these were developed in the class and how the experience of the children was used to interest them in business usage. The treatment is suggestive, not exhaustive.

Per Copy ----- \$0.95

Students'

WORK BOOKS in ALGEBRA

—by—

Garry Cleveland Myers, Ph.D.

Elizabeth J. Thomas

Kimber M. Persing, B.S.

—for—

Junior High Grades

These two new Harter Work Books are based on the authors' recent investigation of how pupils learn the various operations in algebra most easily.

Each volume covers a full semester's work in algebra and is complete in itself. No other text-book is required.

The pupil teaches himself by studying many actual specimens of each operation, before proceeding with the exercises.

He learns accurately because these specimens are constantly before him both in the class room and at home. He can refer to them whenever he needs help.

Each of these specimen problems is broken up into the smallest possible number of steps or operations, the algebra application of the "slow-moving picture" method (described for Arithmetic, preceding pages of this catalog), thus demonstrating to the pupil the actual procedure for each step.

At regular intervals carefully planned tests are provided which enable the teacher to check on the progress of each pupil. All written exercises and tests are to be performed in the pages of the book, thus providing for each individual a permanent record of his progress and the work he has accomplished.

More Work and Better Work With Good Supplies

Work Book In GENERAL SCIENCE

By Kimber M. Persing, B.S.
Cleveland Public Schools

—and—

Ellis C. Persing, A.B.
Cleveland School of Education

—for—

Junior and Senior High School

The pupil finds in this new Harter Work Book a presentation of the scientific background of his daily life, made intensely interesting through the simple laboratory experiments which he performs.

One of the really worth while attainments of the Science teaching is the development of the assurance that Science is something which we are in the midst of at all times, either socially or economically. It is therefore desirable to develop a spirit of appreciation, of the applications of Science to our daily activities. Such applications have been provided for in the units of work and are further stimulated by providing an enriched reading reference list at the end of each working unit. The student is thus directed to the very best in the literature of science and its application.

INTERESTING EVERYDAY SCIENCE

He learns essential scientific facts about his own food, light, air, heat, clothing, water supply, common plants, birds, animals, rocks and soil, weather and climate, and the simple electrical principles of the magnet, dry cell, and home electrical current.

Under each unit of work he finds a number of problems, introduced by a brief paragraph which helps him begin his study and investigation. Some of the problems he solves by experimenting, others by experimenting and reading. He enters his notes and sketches on all observations and conclusions in the space provided in the Work Book.

Problems, laboratory experiments, and "home work" exercises require a minimum investment in equipment. The simple supplies may be obtained at home.

List Price per volume, 128 pp. ----- \$0.95

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Self-Improvement Exercises in Long Division

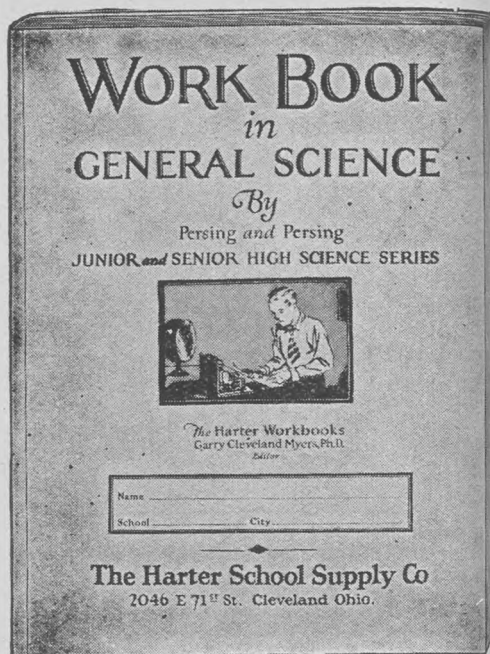
By Irene S. Hizer, Supervisory Assistant Cleveland Schools

For Grades 4 to 6 and review in Junior High. A new student's book of self-teaching arithmetic exercises which helps the pupil to teach himself the various processes of long division, with but little assistance from the teacher. Each group of exercises is accompanied by a sample solution of each long division difficulty, thereby providing the definite and specific help which the pupil may need at any time.

The numbers for each exercise have been carefully

Per Copy, 32 pages ----- \$0.35

Quantity Discounts to School Boards



Complete Lesson Outlines

The objectives of the authors in the preparation of The General Science Work Book are as follows:

A book which may serve as a lesson plan book, a source of demonstration material, and a laboratory guide to a teacher of General Science.

A student's book for self-directed study.

A book providing units of work which have direct bearing on the daily life of the student.

A laboratory guide for the student in school where equipment is provided.

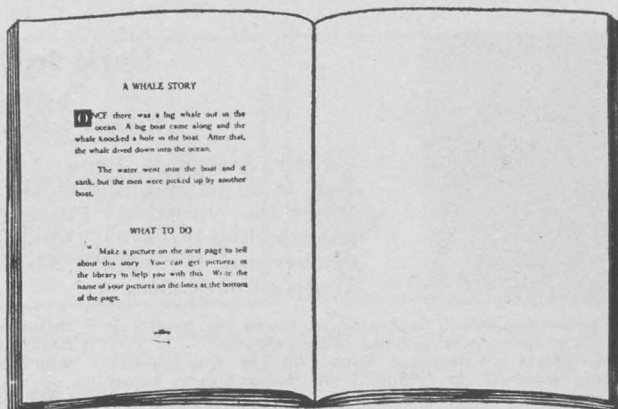
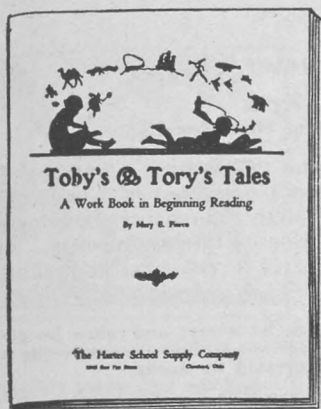
A Work Book with home work exercises and problems requiring a minimum investment in equipment. Students are stimulated to provide much of the needed equipment where it does not mean too great an expenditure of time.

fully selected to provide for a specific difficulty and no other.

The review exercises provide effective means for quick and easy diagnostic checks by the teacher. Discerning from these reviews or tests the child's specific difficulties, she can easily refer him to the appropriate step in the book for self-correction and improvement.

The pupil may check his own work with the help of the answer pages in the book but the answer pages may be removed easily if the teacher prefers.

First In Quality and Service



Toby's and Tory's Tales

A Pupils' Workbook in Beginning Reading—Illustrated Above

By Mary E. Pierce. For 1A and 2B Grades. A pupil's own workbook of 48 pages, size 9x12 inches. The stories in this workbook are based on fact informational and fanciful material having a wide pupil interest for both boys and girls. Stories are so arranged as to create vivid mental images and so lead to highly motivated activity in the drawings and titles which the pupil prepares after reading each story.

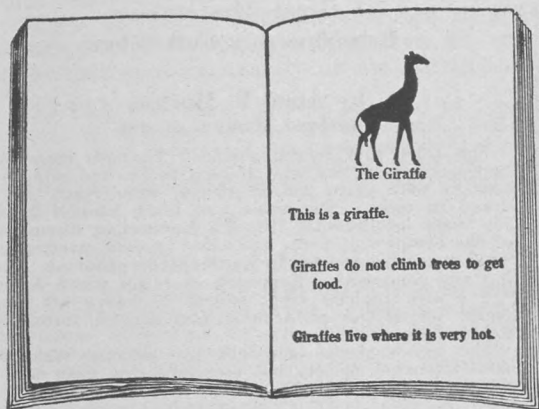
Space for the drawings is provided after each story in the accompanying pages of the workbook.

Price Per Copy\$0.60

These exercises offer real help in the problem of supplying the child with plenty of informal supplementary reading material which includes sufficient repetition to firmly fix the new vocabulary.

Fact material is so presented as to build up in the learner an unconscious appreciation of the elements of a good story, to appeal to the child's love for elaboration and to motivate investigation among those books in classroom or school library which will give him further information on the material set forth in the stories.

Quantity Discounts to School Boards



MY ANIMALS

By Elsie F. Larson and Elinor Williams. Building a new kind of story-book reader about our pets and animal friends. A brand new type of first grade story book making in which the child's pride and joy in the ownership of an animal reader which he has made for himself offers the finest kind of motivation for these new and interesting reading exercises about his animal friends.

Sixteen animal, bird, and insect silhouettes, with a three sentence story about each printed on 9x12 sheets, are to be cut out, matched with silhouettes, and pasted in readers as illustrated above, using blank Workbooks described at the right, or similar booklets made of construction paper by the pupil in the classroom. This set includes enough material for twenty readers.

No. 2152—Per set\$0.75

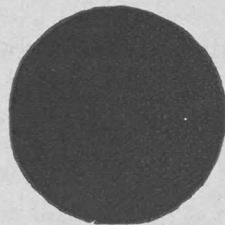
E

No. 2011

HARTER'S CUT-OUT STENCIL LETTERS

An assortment of 160 individual cut-out letters, one inch high, made of heavy coated stock. With this builder words are formed with actual letters, in simple outline, fine for teaching the structural design of each letter. They are also adapted to sign making and for patterns for first steps in hand lettering.

No. 2011—Price, per box\$0.40



No. 2010 EXACT SIZE COLOR TABLETS COLORED TABLETS

For Number Work and Designing in Kindergarten and First Grade. A box of 360 heavy colored paste-board tablets, one inch in diameter, consisting of circles, squares, triangles and half circles, in seven colors. These make an attractive set for teaching numbers and color in primary grades. Can also be used for design building on one inch cross section paper. (Postage extra).

No. 2010—Price, per box\$0.20

For Forty-Three Years Canada's School Furnishers



Uncle Jed's Character Chats

by Joseph B. Egan

Harvard School, Charleston, Massachusetts

Mr. Joseph B. Egan, Author of the "Character Chats by Uncle Jed" is an outstanding elementary school principal of New England. He is the editor of "Citizenship Through Character Development" published by the School Committee of Boston, Massachusetts. As the teacher and her pupils must know, he is a vigorous contributor to Youth's Companion.

"Character Chats" Seatwork exercises for grades 2 to 7 have these very definite objectives:—

(a) Effective Character Education (b) English exercises: gradual development of the sentence sense and suggestions for picturesque description (c) Lessons in nature study (d) Appreciation by the child of the beautiful all around him (e) Stimulation of the child's imagination (f) Personality improvement through better self-expression.

Mr. Egan, in the guise of Uncle Jed, writes these letters to school children in a very personal and human way. His word-pictures are so vivid and the flood of images which they evoke so rich that the reader is lured away into the places where these pictures have their setting. Enjoying with him these tremendously real experiences, the pupils feel so at home with him and become so fond of him, that they

welcome the advice he gives: and when he gives no advice they are led into feeling forcefully the lessons which are not expressed in words.

As these cards are given to the pupil he is urged to read them carefully before drawing anything. If he thinks he cannot draw well enough, assure him that the exercise is not a drawing lesson, and that no one cares about the technique of his expression; rather that the purpose is to let him express himself as he chooses. The roughest sketches, no matter how crude, which prove that he has read the story carefully and understandingly is all that is desired.

Each set of Character Chats in this series includes 32 stories, printed on 6x9 inch cards, packed in an attractive envelope.

No. 2187—For Grades 2, 3 and 4—Per Set	32 Seatwork Reading Cards	\$0.90
No. 2188—For Grades 2, 3 and 4—Per Set	32 Seatwork Reading Cards	.90
No. 2189—For Grades 3, 4 and 5—Per Set	32 Seatwork Reading Cards	.90
No. 2190—For Grades 5, 6 and 7—Per Set	32 Seatwork Reading Cards	.90

NEW ART APPRECIATION SEATWORK STUDIES

of Great Masterpieces
Reproduced in Full Colors

by Anne V. Horton,
Cleveland Museum of Art

For third and fourth grades. Through these picture-study exercises Miss Horton brings the child into contact with great master pieces, wonderfully reproduced in color. She helps him teach himself to enjoy them intelligently through fascinating discussions of the beauties of form and color in each masterpiece. This discussion serves to motivate the drawing, reading and composition Seatwork exercises which follow. The sets include eight sheets of heavy art craft paper which the child folds into booklet form, size 6x9 inches.

The masterpieces employed are selected from the Art Extension Society list (see following page of this catalog) as follows:—

THIRD GRADE SEATWORK

Going to Market (Troyn)
Spring Dance (Von Stuck)
Angel with Lute (Carpaccio)
The Gleaners (Millet)
The Sheepfold (Jacque)
Behind the Plow (Kemp-Welch)
Lavinia (Titian)
Return of the Fishermen (Sorolla)

No. 2191—Per Set ----- \$0.90

FOURTH GRADE SEATWORK

Carnation, Lily, Lily, Rose
(Sargent)
The Horse Fair (Rosa Bonheur)
The Mill at Wyk (Ruisdael)
Venetian Waters (Tito)
The Concert (Terborch)
The Blue Boy (Gainsborough)
The Jester (Frans Hals)
Pastry Eaters (Murillo)

No. 2192—Per Set ----- \$0.90

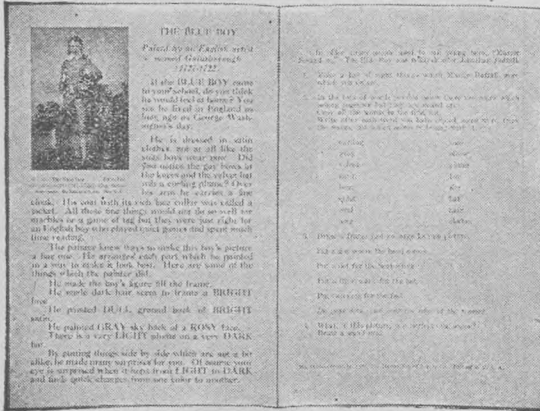
Visual Aids in the Schools

By Professor W. M. Gregory

Director of the Educational Museum, Cleveland Public Schools,

Progressive teachers are rapidly placing their instruction upon a visual basis. We have therefore established a department to render a high standard service to those who have problems in this new field. Professor Gregory has been selected for this department because of his progressive ideas and his outstanding success in the use and organization of visual material in the public schools of Cleveland. This department will freely advise as to the visual material best

suited to accomplish definite educational results. It will be possible to recommend materials that have proved their worth in experimental and actual classroom instruction. Considerable expense may be saved by obtaining the experiences of others before attempting to establish a visual program. Our new booklet **VISUAL AIDS IN THE SCHOOL** offers definite and valuable suggestions on this problem. Price Per Copy ----- \$0.40

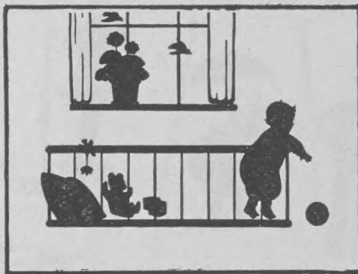




Sister's kitty ran up the tree.

Brother's dog wants to play with her.

Sister wants kitty to come down.



Baby is playing in his pen.

He played with his Teddy Bear.

Now he wants his ball.



The family is going on a picnic.

Father and brother are going to fish.

Sister and baby are going to play.

The Harter Playway Series

By Mary E. Pierce, B. S., Park School of Cleveland, Inc.

Illustrated by Florence Sampson

All of the new Harter publications described below are prepared as the initial step which leads the child from his own experiences into the stories contained in his readers.

They make this first introduction to reading a pleasure, by creating at the very beginning of his reading experiences an eager desire to read for the joy of reading, rather than reading merely as an end in itself.

The Play Way Series provides material of the type recommended by the National Committee on Reading, as published in the Twenty-Fourth Yearbook of the National Society for the Study of Education: "_____ texts should not be introduced until a child has gained considerable facility in doing the reading which is based on informational activities, _____ exercises, (in the form of cards) to develop thought grouping, to encourage reading for the thought, _____ based upon experiences which the child is having day by day."

The Days of the Week

By Mary E. Pierce. For First Grade. Sixteen new cards of Play Way stories which include illustrated experiences understood by all children and therefore having a strong appeal to all.

The daily activities of the home are illustrated in silhouette on a 9x12 pictured card, and accompanied by a reading card telling the story of home activities carried on in the play experiences of Sally and her Dolly.

Children love to "play" all the activities that they see going on around them. Such play activities are skillfully pictured in the silhouettes and are immediately understood by the children when they see them.

After learning contents of cards children may be encouraged to further informal discussion, dramatization, and oral compositions, etc.

No. 2159—Per Set _____ \$0.90

Our Family

By Mary E. Pierce. For First Grade. Another exercise in the Play Way Series similar to "The Days of the Week" in style. "Our Family" includes eight cards with illustrations and typematter depicting the day's activities of Father, Mother, Brother, Sister, Baby, Baby's Birthday Party, etc., with short sentences descriptive of each of the activities so common in the life of every child. See illustration at top of this page.

No. 2157—Per Set _____ \$0.90

Toby's and Tory's Vacation

By Mary E. Pierce. For First Grade. A Play Way Series exercise consisting of sixteen 9x12 inch cards, four of which are printed with drawings to illustrate the events of Toby's and Tory's vacation. The other twelve cards carry brief stories corresponding to the pictures.

Toby's and Tory's Vacation teaches a vocabulary of 279 words, 190 of Thorndike's first 500 words, and 222 of Kircher list.

No. 2158—Per Set _____ \$0.90

The Three Bears

By Mary E. Pierce. For First Grade. Twelve Play Way cards telling and illustrating the adventures of the Three Little Bears of folktale fame.

Four of the 9x12 inch cards in this exercise are poster pictures of the Bears' rambles; the other eight cards are printed with stories corresponding to the pictures.

The vocabulary count in "Three Bears" is as follows: Packer list, 136 words; Kircher list, 136 words; Thorndike list, 122 words.

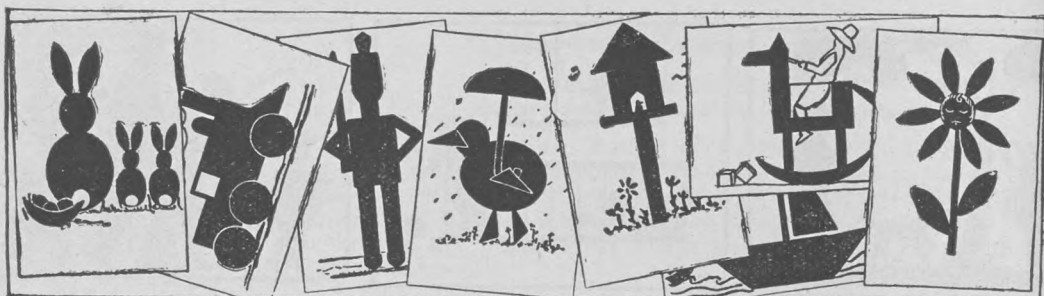
No. 2160—Per Set _____ \$0.90

The Three Pigs

By Mary E. Pierce. For First Grade. Similar in purpose and style to The Three Bears. Vocabulary count is as follows: Packer list, 164 words; Kircher list, 160 words; Thorndike list, 127 words.

No. 2161—Per Set _____ \$0.90

Orders Filled Promptly



Harter's Surprise Pictures

By Elmeda Niergarth. For second grade. The eight 9x12 inch cards included in this exercise are purposely unnamed, so that the child gets no hint as to what the completed surprise picture will be. He must read and do what he is told to do in order to solve the problem and make the picture. The silent reading story directions on each card are accompanied by patch patterns which give him a picture

of the forms and shapes he is to cut from construction paper, freehand, assembled and pasted according to directions. Completed pictures are as follows:—Duck and Umbrella, Bunny and Nest, Train Engine, Sunflower, Soldier, Sailboat, Birdhouse in Field, Rockinghorse.

No. 2140—Per Set ----- \$0.60

Have a circus.

Have a clown. Draw a chalk line on the floor play it is a tight rope.

Get some acrobats.

Do all the tricks you can think of.

Play Briefs

By Mary E. Pierce. For Second Grade. Sixteen Playway reading and dramatization cards including a vocabulary of 316 words occurring in Thorndike's first 500. and 356 in Kircher's Primer list.

All children love to dramatize, to "make up" plays and create simple settings. Play Briefs give the child suggestive material to build on, they stimulate imagination and give a real opportunity for the exercise of initiative.

When a child receives his card he finds as he reads it, that he will need other children to help him. These children he selects. Each child with a card collects his players. They all read their cards and then are allowed 5 or 10 minutes to plan the "play". At the end of this period the children gather together putting the Play Brief cards, on chalk tray or Bulletin Board. The different groups then take turns giving their "plays".

No. 2170—Per Set ----- \$0.90

Play you are a big Bear walking through the woods.

Play you are a Rabbit hopping around.

Action Sentence Cards

By Mary E. Pierce. For First Grade. Sixteen action sentence cards of humorous content, based upon the principle that the play interest is so dominant in the lives of little children that any work motivated through play is bound to succeed.

The Action Sentence Cards have been planned with this fact in mind. Because the fun element in story or verse is always very appealing to children, there has been an attempt to make the contents humorous.

The child's action is a check on his reading comprehension, for he must act his sentence so well that the other children will know what the card has told him to do.

The vocabulary used is common to all beginning reading and is therefore suitable for all children. Of the 245 words used, 213 appear in first 500 of the Thorndike list and 233 in the Kircher Primer list.

These cards are to be used after the child has acquired a fair working vocabulary.

No. 2169—Per Set ----- \$0.60

RIDDLE No. 6

It is big and clumsy.

It has large ears.

It is very strong

It has a trunk.

Draw one as you have seen it in the circus.

Harter's Riddle Problems

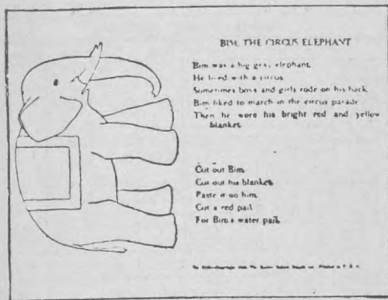
By Elsie F. Larson and Elinor Williams. For Second Grade. Riddles are a delight to all children, the guessing element supplies the needed match to kindle an enthusiasm which results in putting forth considerable effort in the solution of the problems presented by the riddles and directions following them, for picture making or illustrating.

General directions are on the top of each of the eight 9x12 cards with specific directions after each riddle for coloring, etc.

When the children have become familiar with these, they may take turns making up and writing riddles for each other.

No. 2174—Per Set ----- \$0.90

We Are Specialists In School Equipment



Bim, The Circus Elephant and Other Stories

By Edna M. Aldredge and Jessie F. McKee. For First and Second grade silent reading and poster making. Sixteen separate illustrated stories including Bim, the Circus Elephant, The Toy Store, Billy's Kite, The Jumping Jack, Pat's Sailboat, The Snowman, Ann's Flower, The Party, The Easter Bunny, The Surprise, The Twins and What Uncle John Sent. Each story is followed by directions and suggestions for drawing, coloring and poster making. The illustrating is to be done by pupils on separate sheets of paper. Excellent patterns in outline are to be found on the back of the story cards which will clarify the child's ideas and give him suggestions for his poster work.

There are 1720 words in these stories. 1483 of them appear in the Kircher Primer List and 1545 in the Packer Vocabulary List.

In this set it is not enough to read the story. As the child reads the directions he finds that he must refer back to the story in order to be able to follow them accurately. Such material as this develops thoughtful reading.

No. 2180—Per Set ----- \$0.75



Problems in Silent Reading

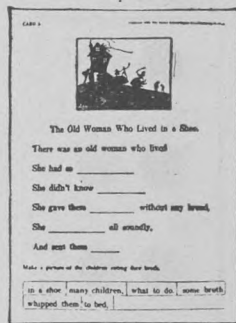
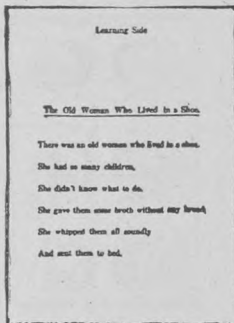
FOR DRAWING AND COLORING

By Virginia McNamara. For first Grade. Each of the eight 9x12 inch cards in this exercise carries at the top of the card, three rows of interesting sketches of common objects, with the name of each object printed in clear type below it.

The lower half of the card is printed with instructions for drawing and coloring the objects pictured above.

Every card is different but so arranged that they are of an even difficulty throughout. The article precedes the noun in the naming of each object on the learning half of the card thus forming a short phrase. This is valuable because the child also sees it as a phrase in the direction sentences.

No. 2139—Per Set ----- \$0.60



Harter's Elliptical Mother Goose

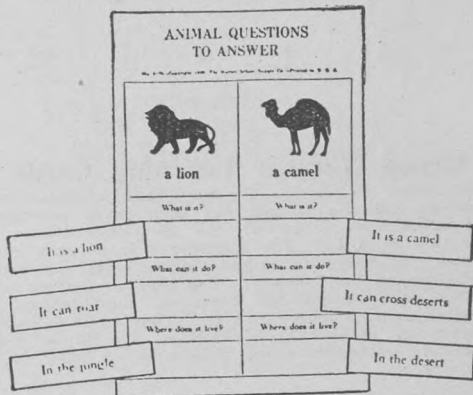
TO READ AND DRAW

By Elsie F. Larson and Elinor Williams. For Second Grade. This exercise affords brand new motivation to a study of the stories and characters of Mother Goose. Each of the eight 9x12 inch cards is illustrated by a charming silhouette, with sentences to read and fill in. Directions for picture making give the child one of the most educational as well as interesting pieces of work.

The first cards give the rhyme as commonly known, with blank spaces into which the child puts the missing phrases. Even though there is repetition in the rhyme, only one phrase of a kind is cut out. This arrangement supplies the child with the necessary check, for the rhyme cannot be built unless the phrases are in the right spaces. Rhymes are printed in full on back of card as illustrated above.

The last cards give very familiar rhymes in story form with short sentences. Phrases are to be supplied here also, with a similar check.

No. 2154—Per Set ----- \$0.60



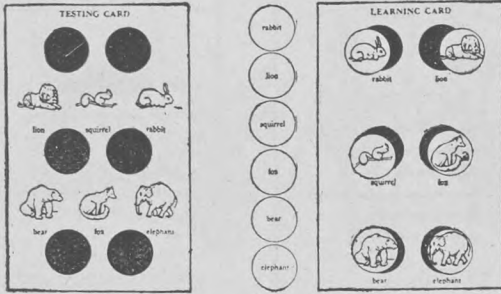
Animal Questions to Answer

By Katharine Daniels. For First and Second grades. Thirty-two fine animal silhouettes with three questions and three descriptive sentences about each animal. Each of the eight cards in this set contains four animal silhouettes. The short sentences descriptive of the different animals are to be cut apart by the child. The sentences are to be arranged under the animals to which they belong and classified under such headings as: "What is this?" "What does it do?" "Where does it live?"

Because the name of each animal occurs under the silhouette the child has a "key" to aid in the recognition of the first sentence relating to each animal.

Of the 403 words used 267 appear in the first 500 of the Thorndike list and 341 in the Kircher Primer list.

No. 2179—Per Set ----- \$0.75



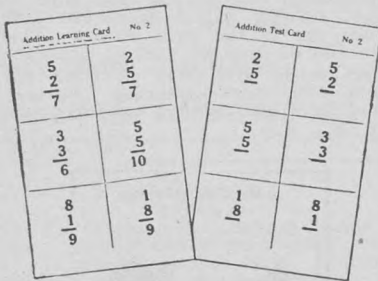
Animal Discs

By Elsie F. Larson and Elinor Williams. For 1-A and 2-B. On the learning side of each of these 8 cards appears the picture, of animal with its name, offering vocabulary exercises.

On the back or testing side of each card between the rows of perforations the same animals as appear on the discs, are pictured with their names, thus, when the card is reversed, only the perforations into which the discs fit are to be seen.

After learning from these cards which animals are tame and which are wild the child reverses his card and classifies the animals by inserting the discs in their proper places.

No. 2182—Per Set -----\$0.90



Group Number Learning Cards

For lower elementary Grades. Each of these four exercises includes sixteen 6x9 inch cards providing self-instruction in all of the 96 combinations of numerals 1 to 10. The learning side of each card carries six complete study combinations including both problem and answer. The back or testing side of the card carries the same six combinations in problem only, without answers. Thus these exercises provide the same type of drill as the Harter Self-teaching Arithmetic cards illustrated on page 26 of this catalog.

No. 2175—Addition, per set -----\$0.60
 No. 2176—Subtraction, per set -----.60
 No. 2177—Multiplication, per set -----.60
 No. 2178—Division, per set -----.60

Here are three words that rhyme with must.

A penny was lying in the -----
 Molly doesn't like to eat the -----
 Rain makes iron things -----

These three words rhyme with tone.
 I came home from school -----
 My neighbor gave a dog a -----
 A little green frog sat on a -----

alone | dust | bone | crust | stone
 | rust |

Thought Number Questions						Card A
Tell how many	Feet	Eyes	Ears	Noses	Mouths	
On the back of answer and place card in box below	one-1	two-2	three-3	four-4	five-5	total-4
	two-2	three-3	four-4	five-5	six-6	total-8
	three-3	four-4	five-5	six-6	seven-7	total-12

Thought Number Questions

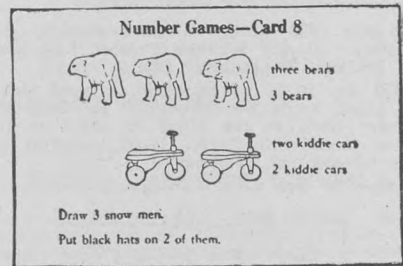
By Katharine Daniels. For a 1-A grade. This set of 8 cards contains pictures of animals arranged singly and in groups, with questions concerning them.

The answers to these are printed at the bottom of the cards and are to be cut apart and properly arranged in their respective places.

By answering the questions the child is discovering that where there are two animals in the picture, there are four ears and two noses; when there are four animals that there are eight eyes, eight ears and four noses, and so on.

This set is designed to give young children one more experience with number in concrete form and familiarizes them with number groupings up to, and including eight.

No. 2183—Per Set -----\$0.75



Problems in Number Work

By Edna M. Aldredge and Jessie F. McKee. For First Grade. This Beginners' number set is built as a simple approach to the experiencing of number relationships from one to ten applied to different objects. The material may be put into the child's hands as soon as he has mastered the simple vocabulary of these exercises and is able to count from one to ten.

Each of the sixteen 6x9 inch cards in this set is printed with two illustrated number exercises similar to the style of above illustration. Pictures of familiar animals and objects are followed by words, as—"three bears", "3 bears"; "two kiddy cars", "2 kiddy cars", followed by two sentences at the bottom of the card, as—"Draw 3 snow men." "Put black hats on 2 of them." The complete set provides thirty-two separate number problems, employing 24 different illustrations.

No. 2181—Per Set -----\$0.60

Rhyming Words

By Florence E. Sampson. For 1A and 2B Grades. These eight 9x12 inch cards are designed to stimulate the child's interest and direct his thought to sentence completion through an appeal to his natural love for rhymes and jingles.

Each card has different sentences and each group of sentences is keyed with a different rhyme word.

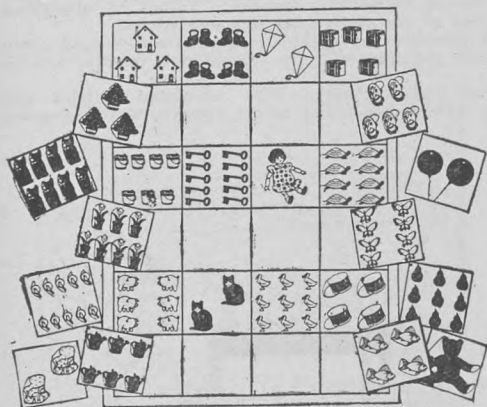
There are 8 cards with 4 groups of sentences on each card, giving a total of 32 rhyme words with which the child needs to be most familiar.

Following this study the children may select their own rhyme words and write their own sentences.

No. 2153—Per Set -----\$0.60

"The very genuine reduction of strain in teaching, of increase in interest, and of increase in sheer efficiency when material of proper construction is used leads us to maintain that probably the greatest advance in teaching..... is to come through the use of better material, rather than through the use of greater efforts by teachers or longer hours of study.

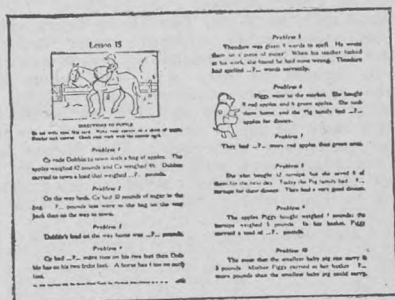
"Probably the most economical method of maintaining the desired level of permanent mastery of arithmetical skills is to be found in the diagnosis of individual weaknesses of pupils and the application of specific corrective drill." Fourth Yearbook, Department of Superintendence.



Number Matching for Beginners

By Katharine Daniels. For pre-primary and 1B groups. 9x12 cards containing fascinating pictures of toys, dolls, and other objects divided into squares with alternate rows of pictures and blank spaces. The picture squares which are included are to be cut apart and matched with these cards. Thus a picture of two wagons will be placed under a card containing two dolls.

No. 2184—Per Set\$0.75



Story Problems in Arithmetic

By Garry Cleveland Myers, Ph. D. A series of five illustrated self-supervising sets for use in 2nd, 3rd and 4th grades. Each set includes 16 cards, 6x9 inches and a self checking answer card. The ten problems on each card are illustrated with one or two interesting pictures.

Each story-problem makes a strong appeal to the imagination.

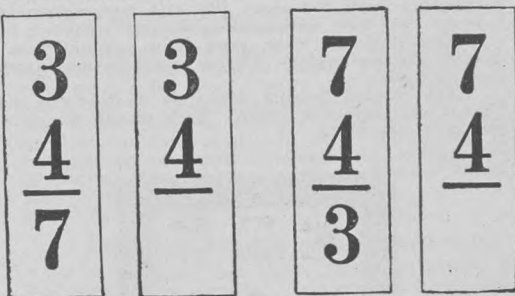
No. 2142—Grades 2 and 3. No. 2162—Grades 3 and 4.
No. 2143—Grades 2 and 3. No. 2163—Grades 3 and 4.
No. 2144—Grades 2 and 3. ANY ONE SET\$0.60

Fact Problems in Arithmetic

By Garry Cleveland Myers, Ph. D. A series of 4 self-supervising sets for 3rd, 4th, 5th and 6th Grades, each set consisting of 16 cards 6x9 inches with self-checking answer card.

The 20 specific problems on each card are involved in from two to ten projects, each project being based upon interesting facts from history, geography, general science and miscellaneous sources.

No. 2164—For Grades 3 and 4\$0.60
No. 2165—For Grades 4 and 560
No. 2166—For Grades 4 and 560
No. 2167—For Grades 5 and 660



New Self-Teaching Flash Cards

A new type of flash card with complete problem and answer on front, problem without answer on back. Child sees and learns only correct answers flashed to him from learning side of cards.

If he later shows any doubt when back or testing side is flashed the teacher immediately turns the card over and again flashes the learning side. Therefore the pupil cannot make mistakes.

Each set includes all of the 96 combinations of the numerals 1 to 10.

No. 2135—Addition, per set\$1.50
No. 2136—Subtraction, per set1.50
No. 2137—Multiplication, per set1.50
No. 2138—Division, per set1.75

Flash Cards Without Answers

No. 2013—The Forty-five two-number combinations from 1 to 10. Size of cards 3 x 6 inches.

Per Set\$0.40

No. 2012—All three-number combinations of the numerals 1 to 10. Size of cards 3 x 9 inches.

Per Set\$0.40

I am going fishing.
I put a worm on my hook.
Then I throw my line into the
water.
Soon I have a bite and
pull up a fish.

CHILD DRAMATIZATION

By Mabel Goldstein. A set of 32 dramatizations, size 9x12 inches, each card containing two brief ten to twenty word life episodes written in the first person. The teacher holds card before the class, and after reading the children act out the story.

No. 2070—Per set\$0.60

Jack be nimble,
Jack be quick,
Jack jumped over the candle stick.

Draw Jack,
Color Jack orange, blue and black.
Draw the candle stick.
Color the candle stick black and
yellow.

Print JACK BE NIMBLE

MOTHER GOOSE RHYMES TO DRAW

By Edna M. Aldredge and Jessie F. McKee. For First and Second Grades. A set of thirty-two 4 1/2 x 6 inch cards, with 12 Mother Goose rhymes and 20 additional free-hand drawing project printed on cards, with instructions for original drawing and coloring of the Mother Goose characters. Teaches pupils to read, and stimulates interest and imagination in original drawings.

Per set\$0.45

Quality Is Remembered After Price Is Forgotten

THE NEW HARTER GRADED SEWING SERIES

By Vida Alberta Nisbet, A. B. Cleveland School of Education

This new Graded Sewing Series for grades 1 to 7 presents a new phase in teaching sewing through correlating with the story life and imagination of children of elementary grades. Topics of absorbing interest have been arranged as sewing problems, but the uses of the individual sets are varied.

Good line and form, good color combinations, correct processes of making the commonly used plain sewing and embroidery stitches, co-operation in working out projects—all are exemplified in this Graded Sewing Series.

The Graded Sewing Series is distinctly a self-directed pupil activity. The completed articles will have a real intrinsic value. Each of the five sets in this new series listed below appeals to the creative ability of the child.



WHEN CHILDREN SEW STORIES

By Vida Alberta Nisbet. For First, Second and Third Grades. Each set in this series contains blocks enough to make a coverlet for a child's size bed. The blocks are nine inches square stamped on firm white material with illustrations of favorite stories or interesting pictures which tell a story.

No. 2171—Sunbonnet Girls—Seven blocks stamped with the story of Sunbonnet Girls in play house-keeping roles, and eight plain blocks.

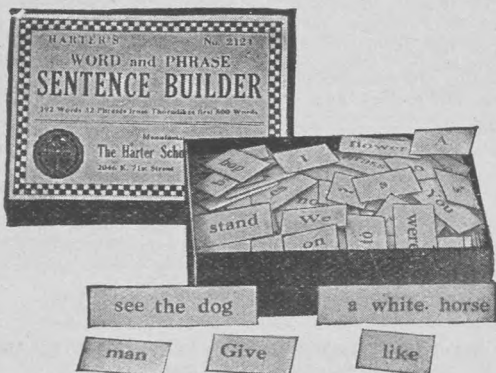
No. 2171—Per Set \$1.15

No. 2172—The Months in Sewing—Each of the twelve blocks pictures the story of one month.

No. 2172—Per Set \$1.15

No. 2173—Nursery Rhymes—Nine of the favorite nursery rhymes from Mother Goose in simple lines. Six plain blocks complete the coverlet.

No. 2173—Per Set \$1.15



SENTENCE BUILDING

With Words and Phrases

By Garry Cleveland Myers. For Primary Grades. Single words and complete word phrases, all selected from first 500 in Thorndike list, are printed on strips of cardboard, 1/2 inch high. To be used for practice purposes.

No. 2124—Per set \$0.25

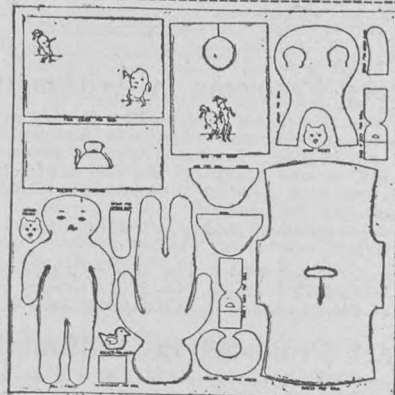


STUFFED ANIMALS TO MAKE

By Vida Alberta Nisbet. For First, Second and Third Grades. Set contains eight 9x12 inch cards, die cut with outline forms of animals that children love, such as Peter Rabbit, Puss-in-Boots, Little Red Riding Hood and the Wolf, The Three Bears, a Dapper Ducky, and four other animal forms including a kitten and dog. On two additional cards are pictured the eleven figures as they will look when finished. A Pattern card is also included showing all of the simple embroidery stitches suitable for little fingers.

The toys may be made up in oil cloth, unbleached muslin or patch-box materials. The forms are also suitable for blackboard and poster decoration. Various other uses in drawing, wood-working, etc., are suggested to the teacher in the instructions accompanying each envelope.

No. 2130—Per Set \$0.75



DOLL AND BABY OUTFIT

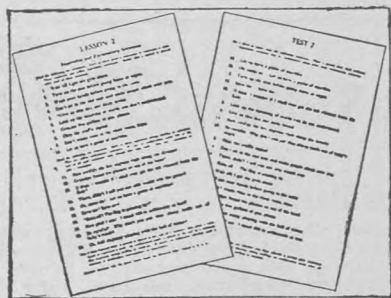
By Vida Alberta Nisbet. For Third and Fourth Grades. This set includes one square yard of unbleached muslin, stamped with the pattern of a doll, her dress, her cap, her apron, her shoes, and stockings. A tray cover and bib for the baby are stamped with animated carrot, bean and potato—a health hint. A holder for mother completes the set. The instruction card enclosed in each envelope gives complete instructions for all the simple embroidery stitches and full directions, written from the child's viewpoint, telling how to make all the articles. The printed instructions make the set self-directed and self-teaching.

No. 2131—Per Set \$1.15

All Harter Individual Self-instruction Seatwork Exercises conform to the recommendations of the National Society for the Study of Education, as published in the Twenty-fourth Yearbook, as follows:

"It would be a convenience if subject matter were in exercise form, so organized as to call for the certain abilities which it is desired to develop."

"Individual Progress, with enough practice on each step to secure mastery, is probably the most efficient way to handle the common essentials."



Learning to Punctuate

16 lesson cards—16 test cards

By Nanno C. Ring and Garry Cleveland Myers, Ph.D.
These lessons are designed for use in the junior high grades. Older students will find their review profitable.

In each lesson the pupil learns from the study of some twenty interesting sentences one rule for the use of a given punctuation mark. In the test he is asked to write the same sentence, supplying only that punctuation mark whose use he learned in the corresponding lesson.

The pupil is asked to write the sentences and punctuate them, in order to create in him the habit of punctuating as he writes. He learns to do by doing correctly.

No. 2155—Per Set\$0.90

Subject and Verb Agreement

These lessons are designed for use in Junior High classes, contains sixteen lesson cards and sixteen test cards. In each lesson the pupil, from the study of 10 to 20 sample sentences, can formulate for himself the rule governing the agreement of subject and verb taught in that lesson. In the accompanying test cards he supplies the correct singular or plural form of the verb. 16 Lesson Cards—16 Test Cards.

No. 2185—Per Set\$0.90

Learning Plurals and Possessives

By Nanno Ring and Garry Cleveland Myers, Ph.D. For Junior High Grades. Teachers of experience are aware that pupils may know rules perfectly and yet fail hopelessly in any given piece of written work to apply the rules they know.

In these lessons the pupil sees the singular noun in a sentence and the plural form of the same noun in another sentence below it. From the observation on each lesson card of many examples of similar plural formation he is able to deduce his own rule in each case. Finally, after he has studied numerous interesting models and has applied them concretely, the rule is stated for him. 16 Lesson Cards—16 Test Cards.

No. 2186—Per Set\$0.90

Correlation of Poetry and Composition

By Lemuel R. Brown, A.M., Cleveland School of Education. For Grades 5 and 6. Sixteen 6x9 inch cards, poems, interpretative questions, exercises in outline drawing, and suggestive subjects for composition have been carefully selected and prepared to help the pupil picture to himself and to live over a given situation, to stimulate the pupils appreciation of poetry, and to cause him to grow in selecting and organizing material about a central theme.

No. 2168—Per Set\$0.60



THE PUPIL'S FUNNY PAGES

Dr. Myers' New Comic Supplementary Reading Exercises

Brand new and exceptionally interesting and entertaining supplementary silent reading material for grades 3, 4 and 5. These illustrated funnies are built around the humorous episodes, common to his everyday experience, which so grip the child's interest in newspaper comics.

Dr. Myers' stories supplant the crude humor, grotesque comedy and atrocious English of the newspaper strip with a refinement in both narrative and diction which meets the most exacting requirements of modern education.

FUNNY PAGE CARD SETS—Providing an economical series which meets the demand for elimination of the expense of the multiplicity of bound volumes. These three pupil's funny page card sets include 16 stories in each set, as shown in the above illustration, giving a total of 48 stories to be read in rotation by the pupils.

No. 2113, No. 2114, No. 2115—Price, per set.....\$0.60

FUNNY STORY PICTURES—Includes thirty-two complete stories in pictures, colored, selected from the Pupils' Funny Stories described at the right, but without any reading matter.

No. 2116—Per Set\$0.60

In bound volume, containing Dr. Myers' complete pupil's funny stories. More than 100 pages of stories illustrated in colors with 600 comic pictures as shown above.

Cloth binding, per volume\$1.35

Order By Mail—Satisfaction Guaranteed



The New Harter Circus Parade

By Florence Sampson. Suitable for 1st, 2nd, or 3rd grades. An excellent new class project, just off the press, which makes an attractive wall decoration twenty-four feet long, by twelve inches wide.

Children take a particular interest in this project because of the great variety of figures which make up the complete parade. These include the clown juggler, two elephants, bareback rider, goose, Bruno and trainer, tall man, dwarf, monkey cart and goat, two camels, clown on donkey, wagon, lion cage, ostrich and girl, pig chariot and dog, reindeer, and calliope. This great variety permits of tracing and repeating some of the figures in the Parade, should the teacher require a decoration more than 24 feet long.

Figures of the animals, clowns, circus wagons, etc., are printed in brown and black ink, on white drawing paper, to be cut out by the pupils, colored with crayon or water colors, and pasted on construction or poster paper backgrounds.

Full directions for cutting, coloring and pasting are given on the back of each envelope.

No. 2186—Per Set ----- \$0.90



No. 2127—Spring



No. 2127—Autumn



No. 2127—Summer



No. 2127—Winter

NEW PANORAMA POSTER PROJECT OF THE FOUR SEASONS

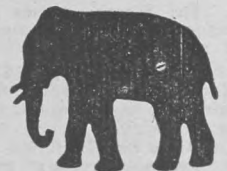
By Florence Sampson. A brand new and beautiful color decoration for the schoolroom which pupils make up themselves under the direction of the teacher. An excellent class project for 1st, 2nd and 3rd Grades. Consists of four colored poster paper panels size 12x36 inches, on which are printed Spring, Summer, Autumn and Winter backgrounds. White cards with figures of children, birds, sleds, wagon, dog, etc., printed on separate sheets, are to be cut out by pupils, colored, and pasted in correct positions on the backgrounds. When completed this project makes a striking and attractive wall decoration twelve feet long.

No. 2127—Complete ----- \$0.75

New Animal Stencils and Silhouettes



Two brand new Seatwork Sets for 1st Grade for which the busy teacher finds many valuable uses. Very durable. Outlines are die cut from heavy colored cards, 5½x7 inches. Each set includes both parts of the card after cutting so that the teacher has 24 outlines in all, two of each animal, one a stencil and the other a silhouette. Will withstand hard usage.



No. 2015 includes elephant, camel, dog, buffalo, cow, pig, rhinoceros, horse, bear, rabbit, donkey and lion. Per set ----- \$0.40

No. 2084 includes kitten, turtle, lamb, rooster, hen, fish, duck, goat, chick, squirrel, pigeon and swan. Per set ----- \$0.40

Let Hand and Brain Work Together

HARTER'S SILENT TEACHERS SERIES

THE SILENT TEACHER						
ADDITION No. 2026 Facts above 10						
6 5	7 7	9 2	8 3	9 6	7 4	8 7
11	14	11	11	15	11	15
8 4	7 6	9 4	8 8	6 6	9 8	9 3
12	13	13	16	12	17	12
7 5	9 7	8 5	10 6	9 5	9 9	8 6
12	16	13	16	14	18	14

No. 2026 Learning Card

THE SILENT TEACHER						
ADDITION FACTS ABOVE 10						
6 5	7 7	9 2	8 3	9 6	7 4	8 7
11	11	11	15	15	15	15
8 4	7 6	9 4	8 8	6 6	9 8	9 3
12	13	13	13	12	12	12
7 5	9 7	8 5	10 6	9 5	9 9	8 6
12	16	13	13	18	14	14

14 11 15 11 16 17 14 16

No. 2026 Testing Card

The Silent Teacher of Arithmetic

Primary Arithmetic—For Grades 1 and 2. Each set in this series consists of six pairs of learning and testing cards, size 9 x 11 inches, printed with all of the simple number combinations from 1 to 10 and 10 to 1. By studying the learning card, the pupil becomes very familiar with the problem and answer. Then he turns to the test card, sorts out and places the correct cut-out answer disc under

each problem. When the last disc has been placed, he again refers to the learning card, compares it with the discs he has placed, and finds and corrects any errors he may have made.

No. 2026—Addition

No. 2032—Subtraction

No. 2033—Multiplication

No. 2034—Division

Per Set ----- \$0.90



SELF-TEACHING ARITHMETIC

These cards relieve the teacher of the sometimes irksome task of "teaching numbers," and facilitate easy self-education in the four fundamental arithmetic operations. Pupil is stimulated to learn just as fast as he is able, but no faster.

Self-supervised learning of all number combinations from 1 to 10 without help from the teacher. Problems printed on two sides of cards, with answer on one side, without answer on other side. 100 cards in each set, No. 2060 Addition, No. 2061 Multiplication, No. 2062 Division, No. 2063 Subtraction. See illustration.

Four Sets, each ----- \$0.75
Any of the above, without test pads ----- .60



No. 2014

HARTER'S PERCEPTION CARDS

For 1st Grade. Set of thirty cards including one card for each figure, 1 to 10, one for each word, one to ten, and ten domino cards, from one to ten. Can be used as flash cards for instant recognition; pupils can work out various combinations; for number games, guessing games, etc.

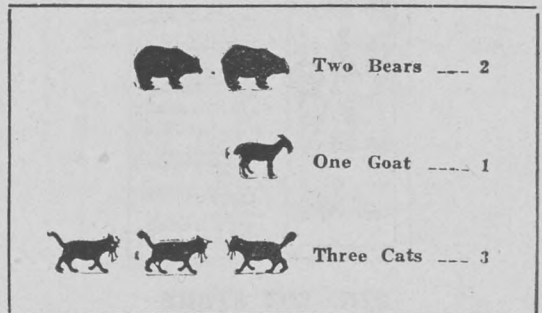
No. 2014—Per set ----- \$0.90

0	0	0	0	0	0	0	0
7	8	9	1	2	3	4	
0	0	0	1	1	1	1	
5	6	7	8	9	2	3	
.
.
.

DOMINO AND FIGURE COMBINATIONS

For Grades 1 and 2. Provides drill in both concrete and abstract form, in the recognition and combinations of all numbers through ten. A sheet of domino cards, and a sheet of the figure combination cards, constitute a set for one child. Pupils lay their cards in pairs, according to combinations, matching either side.

No. 2000—Per set ----- \$0.60



FIRST STEPS IN NUMBERS

By Garry Cleveland Myers. Arithmetic for the 1st Grade. Reading and writing of numbers from 1 to 10 is taught by interesting pictures on the learning side of the card as illustrated above. On the self-testing side of the card appears the picture and the words, pupil is to supply the figure seven.

Includes 16 cards 6 x 9 inches.

No. 2093—Per set ----- \$0.60

NEW SELF-TEACHING ARITHMETIC—Grades 2 to 5

Modern Seatwork is more than mere busy work or mere amusement. The purposeless peg-setting and mechanical activity which we formerly termed "Busywork" has grown and evolved into purposive and self-directed learning exercises. Modern Seatwork provides a very definite contribution to progress in Educational method.—G. C. M.



THE GROCERY STORE Arithmetic Seatwork

By Garry Cleveland Myers. Self-supervised study for Second or Third Grades. Set consists of eight cards printed with 160 interesting problems in buying groceries from the pictured shelves of the store. Each card contains two lessons of ten problems each. One-half of each card pictures the grocery store shelves, with canned goods, fruits, vegetables, etc., all neatly arranged and priced. Problems are printed on the other half of each card.

This set also includes one answer card, to be placed on the teacher's desk. When pupil has finished his lesson he checks his work from this answer card.

No. 2067—Per set ----- \$0.60



THE TOY STORE Arithmetic Seatwork

By Dorothy Heagle Johnson. For 2nd or 3rd Grades. Similar to the Grocery Store, above, but picturing the toy store, and with problems in toy buying. This set also includes one answer card, to be placed on the teacher's desk. When pupil has finished his lesson he checks his work from this answer card. An exceptionally interesting set for children.

No. 2071—Per set ----- \$0.60

PROBLEM PAGE

DIRECTIONS: On a piece of paper, write at the top, the name which has to the right of it the largest number. Under it put the name with the next largest number, and so on down the page. Always write out the number to the right of the name. Then turn the card and check.

Population of Largest Twelve Cities in U. S., 1860.

New York	— 1,174,779
Chicago	— 109,260
Philadelphia	— 565,529

ANSWER PAGE

Population of Largest Twelve Cities in U. S., 1860.

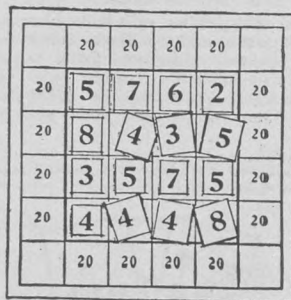
New York—One million, one hundred seventy-four thousand, seven hundred seventy-nine

FACT—NUMBER DRILLS Self-Supervised—Self-Teaching

By Garry Cleveland Myers. For 3rd, 4th and 5th Grades. Set consists of 32 cards, size 4½x6 inches. Lesson side of card contains for example, names of twelve largest U. S. cities paired for population and arranged in random order. Pupil is to put pairs in order. Answer side of card gives pairs in correct order with numbers spelled out.

Any pupil has enough of the sporting tendency not to merely copy from the answer side. That would take away all the pleasure from the exercise. When, on the other hand, after doing his best, he turns the card to check, he is playing a game with himself. He has no incentive to outwit the teacher. He is merely putting himself on trial. He is his own teacher, testing and grading himself.

No. 2101—Per set ----- \$0.60



NUMBER PUZZLE CARDS

By Alvira Farr

A brand new self-checking arithmetic device for drill in all the addition combinations totaling from 10 to 20. Cards are size 8x8 inches. One card with combinations to be arranged in 4 vertical and 4 horizontal rows so as to add to 20 in each direction.

The Puzzle is always interesting. It affords the element of chance and self-rivalry. To attempt to solve a puzzle is to accept a challenge.

Miss Farr, in her ingenious "Puzzle Cards" has employed the pulling power of the puzzle in excellent practice exercises in addition.

No. 2085—Per set ----- \$0.60

NEW SELF-TEACHING EXERCISES FOR GRADES 3, 4 and 5

It has been definitely demonstrated that no matter by what means children are grouped, no matter how nearly they appear to be alike in a class, there prove at last to be all sorts of differing abilities. Always there is the individual to be taught.

The supervisor of the future will be a leader among her teachers, in devising supplementary concrete self-teaching materials to fill in the wide gaps in the text book which the average learner cannot leap across.—G. C. M.



READING AND WRITING NUMBERS

By Garry Cleveland Myers. For 3rd and 4th Grades. 16 self-teaching lessons in Reading and Writing Numbers. Lessons appear in sequence. Each lesson has 12 exercises from which child reads, for example, "Seventy-three—73." On the other side of this card the words "Seventy-three" appear alone, child is to supply 73. Child turns back to the lesson side whenever he needs help. Without any assistance from the teacher the average child can learn from these cards to read and write large numbers accurately. See page for Diagnostic Test Pad.

No. 2072—Per set \$0.60

LESSON 1
DIRECTIONS: When we see " $9 \times 6 + 3 =$ " for example, we say "9 times 6 = 54, and 3 more = 57." In like manner, read carefully the samples below. Then turn the card.

$(9 \times 6) + 9 = 63$	$(0 \times 1) + 7 = 7$
$(4 \times 2) + 2 = 10$	$(8 \times 2) + 0 = 16$
$(8 \times 5) + 5 = 45$	$(5 \times 8) + 1 = 41$

PROBLEMS
DIRECTIONS: Work these problems carefully. Turn to the other side whenever you need help. When you have finished, check with the other side.

$(9 \times 6) + 9 =$	$(0 \times 7) + 7 =$
$(4 \times 2) + 2 =$	$(8 \times 2) + 0 =$
$(8 \times 5) + 5 =$	$(5 \times 8) + 1 =$

LEARNING TO MULTIPLY AND CARRY

By Garry Cleveland Myers. For 3rd and 4th Grades. 16 cards 6 x 9 inches. These exercises prepare the pupil to carry in multiplication. Each card contains 25 exercises, a total of 400 exercises in the set. After pupils have mastered the lessons, they may be grouped in pairs, one pupil reading from the testing side of the card, while another checks him from the learning side. See page for Diagnostic Testing Pads for this set.

No. 2106—Per set \$0.60

LESSON 1
DIRECTIONS: Read very carefully. Then write on a sheet of paper the answers to the problems of the other side. Be very accurate. Turn back to this page whenever you need help.

Common Fraction Decimal Fraction
 a. $1/10$ one-tenth1
 b. $2/10$ two-tenths2
 c. $3/10$ three-tenths3
 d. $5/10$ five-tenths5

PROBLEMS

Write these in two more ways.

- c. $3/10$
- e. $7/10$
- d. $5/10$
- f. $9/10$

READING AND WRITING DECIMALS

By Garry Cleveland Myers. For 3rd and 4th Grades. 16 self-teaching lessons in Reading and Writing Decimals. Lessons appear in sequence. Each lesson has 12 exercises from which child reads.

As shown in illustration above the lesson side of each card gives specific directions for study of decimals in both words and figures. On the other side of this card the "Problem" side, the fraction appears alone, child is to supply decimals in both words and figures. Child turns back to the lesson side whenever he needs help. Without any assistance from the teacher the average child can learn from these cards to read and write all decimals accurately. See page for Diagnostic Testing Pad for this set.

No. 2073—Per set \$0.60

LESSON 1
DIRECTIONS: Read carefully these problems and notice the way they are worked. We say, for example: "Three into five goes once, and two over; three into twenty goes six times, and two over."

$1+2$	$6+2$	$7+1$
$3 \overline{)5}$	$3 \overline{)20}$	$2 \overline{)15}$
$1+1$	$5+1$	$6+1$
$2 \overline{)3}$	$2 \overline{)11}$	$2 \overline{)13}$

PROBLEM 1

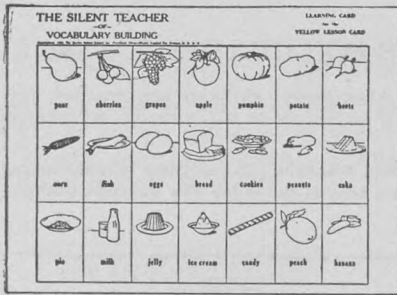
DIRECTIONS: On a sheet of paper, work the problems below. Turn to the other side of this card whenever you need help. Then check with the lesson side.

$3 \overline{)5}$	$3 \overline{)20}$	$2 \overline{)15}$
$2 \overline{)3}$	$2 \overline{)11}$	

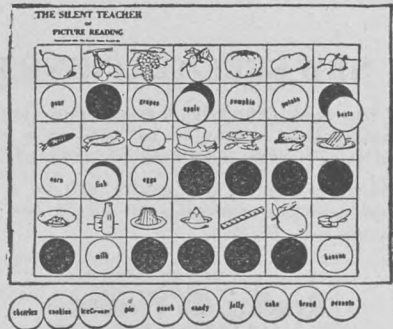
Teaching Division with a Remainder

By Garry Cleveland Myers. For 3rd and 4th Grades. Made up similar to "Learning to Multiply and Carry." This set prepares the child for carrying remainders in division. Pupils may then be paired same as for No. B1312 above. See page for Diagnostic Testing Pad for this set.

No. 2099—Per set \$0.60



No. 2026, Learning Card



No. 2028, Testing Card

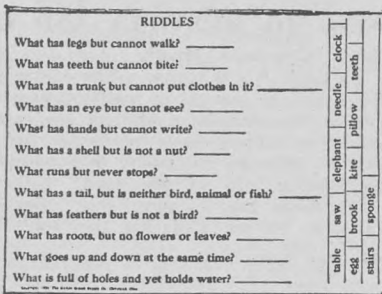
HARTER'S SILENT TEACHER SERIES

Vocabulary Building. For Grades 1 and 2. Each set in this series consists of six pairs of learning and testing cards, size 9x11 inches, printed with words and pictures of objects and actions familiar to every child. By studying the learning card, the pupil associates the printed word with its appropriate meaning. After becoming very familiar with the words on the learning card, he turns to the test card, sorts out and places the correct cut-out disc under each picture. When the last disc has been placed, he again refers to the learning card, compares it with the discs he has placed, and finds and corrects any errors he may have made.

After the child has learned the correct use of these cards, they should be placed where he can work with them in odd moments. Frequent use of this material will greatly strengthen the learner's quick recognition of words.

Frequent reference to the Kircher, Thorndike and Packer word list has been made in the building of these sets, the majority of words having been taken from one or the other of these lists.

No. 2028—126 illustrated nouns. Per set\$0.90
No. 2145—108 illustrated action words. Per set......90
No. 2146—108 illustrated nouns. Per set......90
No. 2147—108 illustrated nouns. Per set......90



HARTER'S "RIDDLES"

For Grades 1 and 2. A set of sixteen identical cards with twelve real conundrums and answers to match. The answers are to be cut apart and placed in the proper question blanks. An entertaining thought-provoking form of Silent Reading Seatwork, especially enjoyed by children. Printed in clear, large type on durable manila stock. Size 9x12 inches. For Second, Third and Fourth grades.

No. 2007—Per set\$0.45



PAIRING WORDS AND PICTURES

A set of sixteen identical cards with pictures of thirty-six interesting and familiar objects with the name of each object printed in clear type. Pictures and words are to be cut apart and then paired and matched by the pupils. For teaching word recognition and word and picture combination.

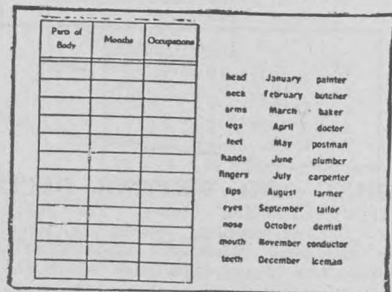
No. 2024—Per set\$0.60



PICTURE MAKING

For Grades 1, 2 and 3. Set of eight model cards 9x12 inches for free-hand cutting with pupil's directions for assembling posters, and teacher's verification sheet for checking up pupil's work. Makes eight interesting and effective posters 9x12 in. size. Cards may be used again and again by different pupils.

No. 2005—Per set\$0.60



CLASSIFYING WORDS

For Grades 2 and 3. Set of eight cards, all different, size 9x12 inches. Printed in large clear type on durable manila stock. Set has 288 different words to classify under twenty-four classifications, such as months of the year, occupations, parts of the body, etc.

No. 2008—Per set\$0.60

Better Value—Greater Variety

NEW MOTIVATED READING FOR GRADES 1, 2 AND 3

Through the use of Modern Seatwork our pupils are beginning to do their own observing, thinking and discovering. Progressive school boards are now buying supplementary materials, and freeing, as they should, the eager and conscientious teacher from the burden of buying it out of her private funds.—G. C. M.



THE TEDDY BEAR PARADE

By Edna M. Aldredge and Jessie F. McKee. For 2nd or 3rd grades. A new set of picture stories to read, draw and color, with stories leading up to the incomplete part of each drawing. Child reads the stories and draws in the omitted portion of the picture, and then colors the completed picture with crayons or water color. This set includes 128 drawings, sixteen prints of each of eight subjects, including The Lost Puppy, Jocko, the Monk, Stop and Go, Ben's Christmas, The Birthday Party, The Teddy Bear Parade, Kit and Kat, and Bozo, the Clown, with a separate story for each subject. It provides material for eight lessons in a class of sixteen pupils, or four lessons in a class of 32 pupils.

No. 2078—Per set ----- \$0.75



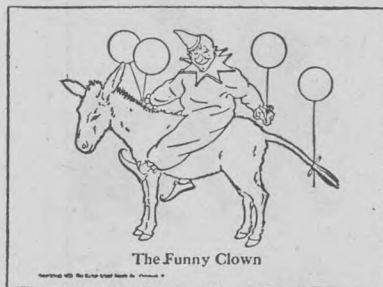
FOLKLORE FRIENDS Stories to Read and Color

By Edna M. Aldredge and Jessie F. McKee. For 2nd and 3rd Grades. Self-teaching because the child colors only as a means to express what he reads. Set includes 128 drawings, sixteen prints of each of eight subjects, printed on 6x9 inch cards. Pictures are to be colored according to the description given in stories. Includes: The Little Red Hen, The Seven Little Kids, The Country Mouse, Jack and His Wooden Soldiers, The Three Kittens and Little Red Riding Hood. Provides ample material for eight lessons in a class of sixteen pupils, or four lessons in a class of 32 pupils.

The whole exercise is self-directed and self-supervised. The child checks upon himself as he proceeds, and when he has finished a mere glance from the teacher measures in her mind the pupil's progress.

From the way the children handle these cards and picture sheets the teacher, by casual inspection of the objective evidence, can easily discover the ablest as well as the weakest pupils of her class in silent reading. This seatwork set becomes, in consequence, a kind of quick and simple diagnostic test.

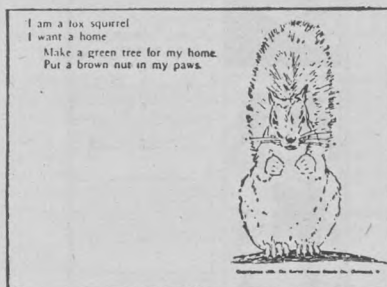
No. 2077—Per set ----- \$0.75



THE FUNNY CLOWN And Other Stories to Read and Color

By Edna M. Aldredge and Jessie F. McKee. For 2nd and 3rd Grades. This set, like our numbers 2078 and 2077 puts good educational theory into practice. It stimulates imagination and creative effort. Includes 128 drawings, to color, sixteen prints of each of eight subjects including: The Funny Clown, Polly's Birthday Party, The Little Dutch Girl, Danny Rat's Plan, The Snowman, The Pig Twins, Mother Rabbit's Surprise, and Brownie Hen and Her Babies. This set also includes a Silent Reading Story for each picture which tells how to color. Includes enough material for eight lessons in a class of sixteen pupils, or four lessons in a class of 32 pupils.

No. 2075—Per set ----- \$0.75



THE FOXY SQUIRREL

By Edna M. Aldredge and Jessie F. McKee. For 1st and 2nd Grades. A set of 160 drawings, ten prints of each of 16 small animals and birds, with a silent reading story containing coloring instructions under the drawing on each print, with space for additional parts of the picture. Size 6x9 inches. Complete set contains 160 prints, ample material for ten lessons in class of 16 pupils, or five lessons in class of 32 pupils.

The whole exercise is self-directed and self-supervised. The child checks upon himself as he proceeds, and when he has finished a mere glance from the teacher measures in her mind the pupil's progress.

From the way the children handle these cards and picture sheets the teacher, by casual inspection of the objective evidence, can easily discover the ablest as well as the weakest pupils of her class in silent reading. This seatwork set becomes, in consequence, a kind of quick and simple diagnostic test.

No. 2094—Per set ----- \$0.75

NEW RIDDLES, PICTURES AND PUZZLES

We no longer are content to leave our children merely with a reader, speller and arithmetic. Supplementary seatwork has come to stay and more of it will follow. Modern Seatwork provides Self-teaching, Self-testing, Self-supervised, Self-directed education; reaches the individual pupil and provides individual instruction, without interrupting the progress of the regular class work.—G. C. M.



ACTION WORD PICTURE POSTERS

Silhouettes for First Grades

By Florence Sampson. For teaching the meaning of the printed word in first grade by means of illustrated posters to be used at the desk, or for wall decoration. 24 child illustrations of "March," "Run," "Jump," "Skip," etc., are printed in silhouette on 9x12 inch cards, with word in very large script below the picture. Exceptional value of this set show in fact that many teachers have formerly paid 25c per picture, hand made. We now produce these posters in quantity, and therefore offer the following extreme reduction in price.

No. 2102—Per set ----- \$0.75

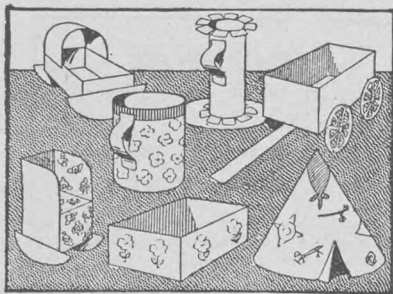


MOTHER GOOSE SILHOUETTES

By Florence Sampson. For 1st and 2nd Grades. Pupils teach themselves meanings of the printed word, word order, and sentence order in 32 Mother Goose rhymes. Silhouette illustrations of each rhyme are printed on cards 9x12 inches. Rhymes are printed in large clear type in strips, to be cut apart. Pupils read each strip and place in proper sequence beside the picture. Rhymes are also printed in proper sequence on back of each silhouette for self checking by pupil.

Additional uses for this set are as follows: Pupil may tell or write his own story about the picture. Memorize as many rhymes as possible in given length of time. Pupil may pick out picture and rhyme which he likes best, giving a few reasons for his choice.

No. 2098—Per set ----- \$0.60



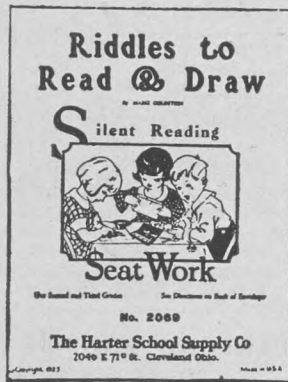
TOYS TO CONSTRUCT

With Paper, Scissors, Crayons and Paste

A Project in Simple Construction, by Elmeda Niergarth. For 3rd and 4th grades. This set consists of 16 cards. Each card is an exercise in silent reading and hand work. An opportunity is given the pupils to use rulers, crayons, scissors and paste in making 16 toys from paper according to directions given on printed instruction sheets.

Each toy in this set can be constructed from a sheet of drawing paper six inches by nine inches. The completed toy is an indication that the instructions have been correctly read and understood by the child, therefore, he obtains excellent motivated silent reading drill.

No. 2100—Per set ----- \$0.45



RIDDLES TO READ AND DRAW

By Mabel Goldstein. For 2nd and 3rd Grades. A set of 32 cards, 4 1/2 x 6 inches. Each card contains one riddle based on interesting facts familiar to the pupil. He is to read it and then draw the answer. In some cases he is to color his drawings. The riddles are so written as to maintain the pupil's curiosity until the last sentence has been read.

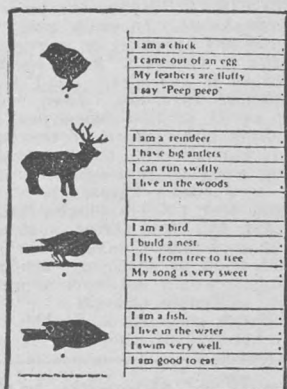
No. 2069—Per set ----- \$0.45

LITTLE JOURNEYS

By Florence Goldstein. For 2nd and 3rd Grades. Consists of eight cards size 9x12 inches. Each card tells about a little journey, "My Trip on The Pullman," "To the Woods," "To the Picture Show," etc., eight trips in all, with five questions on each trip, as "What did you see—in the Station?—in the car? What can you do on the Train?" Answers are printed in strips at bottom of card, to be sorted out and placed under corresponding question. Excellent silent reading.

No. 2128—Per set ----- \$0.60

READING AND NUMBER SEATWORK IN GRADES 1, 2 AND 3



DESCRIPTIVE SILHOUETTES

For Grades 1, 2 and 3. Set of eight original Silhouette Cards, 9x12 inches. Each card has four separate clean-cut silhouettes of animals, birds, etc., with four descriptive sentences about each. The sentences are to be cut up on the ruled lines, mixed in envelopes, and placed by pupils at the side of the proper picture. Printed in large clear type on durable manila stock.

No. 2004—Per set ----- \$0.75

THE LITTLE SEED

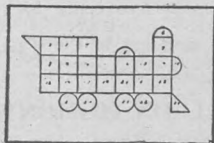
A little seed lay _____
 She _____ all winter.
 _____ she awoke.
 "I want to grow."
 "Will you help me."
 "Yes," they cried.
 Then she peeped _____
 She saw the _____ and the trees.
 She _____ the birds singing.
 She grew _____
 Soon she had a _____
 Everyone _____ smiled.
 She _____ them happy

under the ground	had been asleep
In the spring	she said "Rain and Sun!"
above the ground	green grass
taller and taller	bright yellow blossom
who saw her	had made

ELLIPTICAL STORIES

For Grades 1, 2 and 3. Set of eight Silent Reading Cards, 9x12 inches. Printed in large clear type on durable manila stock. Each card has an interesting elliptical story. The missing phrases are printed at the bottom of each card and are to be cut up, put in envelopes, and placed by pupils in proper blanks, to complete the meaning of the story. Affords excellent opportunity for testing pupils comprehension in reading.

No. 2002—Per set ----- \$0.60



TABLET PICTURES

For Grades 1, 2 and 3. Especially good for teaching Number Work, Silent Reading, Colors, and Designing. Set consists of eight cards, 9x12 inches, and over 1000 assorted color tablets, to be laid on cards in order numbered according to complete directions printed on 8 separate instruction sheets. These sheets also tell a little story about each design to be built. Designs include bird, locomotive, sailboat, furniture, ducks, fruit-basket, cow and bird house.

No. 2029—Per set ----- \$0.75

What color is grass?

What gives the flowers a drink?

Where do violets grow?

Where do horses sleep?

How much are six and three?

How many months in a year?

When are nuts ripe?

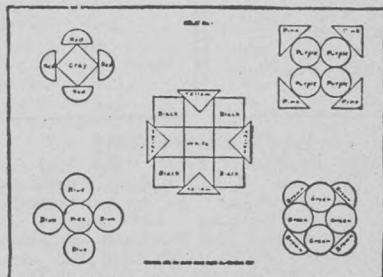
What are your ears for?

There are twelve months in a year.
 They are ripe in the fall.
 They grow in the woods.
 They sleep in the barn.
 Six and three are nine.

THOUGHT QUESTIONS AND ANSWERS

For Grades 1 and 2. Set of eight new and original thought question cards, with answers to match. Size 9x12 inches. Printed in clear large type on durable manila stock. Over sixty-four miscellaneous questions in set. The answers are to be cut on dotted lines and placed in envelopes. Pupils lay them below the corresponding question.

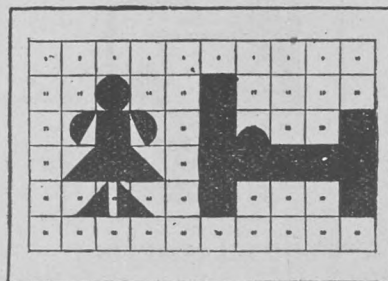
No. 2003—Per set ----- \$0.60



THE COLOR BUILDER

For Grades 1 and 2. A set of eight cards, 9x12 inches, and eight envelopes (containing 539 colored paper tablets) and a teacher's Key Sheet for assembling. Each card has five different designs to be built with squares, triangles, circles and half circles in eleven colors. Pupils cover the designs with tablets of the shape and color indicated, teaching them harmony of color and symmetry of design; also recognition of color names in print. Forty designs in all. Many extra tablets.

No. 2006—Per set ----- \$0.75



PICTURE BUILDING

For 2nd and 3rd Grades. Designing and silent reading. A set of eight cards, 7x11 inches, printed with one inch squares, each square numbered. Set includes colored paper tablets, circles, half circles, triangles, and squares, and a sheet of directions to go with each card. Directions tell pupils color and shape of tablet to go in numbered squares on the card.

No. 2025—Per set ----- \$0.60

WORD STUDY FOR GRADES 2 TO 5

DIRECTIONS: Below are pairs of words, which mean the same, or nearly the same. Each word is used in a sentence. Read these sentences carefully. Then write a sentence including the second word of that pair.

SYNONYMS

Abandon—Leave
Jeff did not want to abandon the dog.

The boat will leave at noon.

Annual—Yearly
The annual salary of a bank president is large.

The dues of the club are paid yearly.

Beast—Animal
The tiger is a savage beast.
Some animals seem to be clever.

Teaching Synonyms to Enrich Vocabulary

By Garry Cleveland Myers. For 3rd, 4th and 5th 6th and 7th Grades. Two self-teaching sets similar in purpose to "Easy Synonyms," but for more advanced pupils as indicated. Pupil studies samples, etc. See page 17 for Diagnostic Testing Pads.

No. 2107—Per set (3rd and 4th grades) ----- \$0.60
No. 2108—Per set (5th, 6th and 7th grades) ----- .60

remain stay
You may remain after school.
I wonder why Sister stays so long.

stay

EASY SYNONYMS

By Garry Cleveland Myers. For 3rd and 4th Grades. Two sets of self-teaching cards designed to enrich the vocabulary by putting together two words of similar meaning. Sentences to illustrate the words are modern and genuinely interesting. Set No. 2088 consists of 90 cards, size 2x3 inches, including 180 words from the first 1000 in Thorndike's word list. Set No. 2089 includes words taken chiefly from Thorndike's list. See page Diagnostic Testing Pads for these sets.

No. 2088 and No. 2089—Per set ----- \$0.60

Word Classifying

Motivated by Stories

SILENT READING — SELF SUPERVISED



SEATWORK

For Upper Second, Third and Fourth Grades,
the Home or Work or the Library

No. 2074

The Harter School Supply Co

2040 E 71st St. Cleveland Ohio.

Copyright 1927

Made in U.S.A.

WORD CLASSIFYING

By Edna M. Aldredge and Jessie F. McKee. For 2nd, 3rd and 4th Grades. Each of 16 self-teaching cards 6x9 inches, has a fascinating story so written as to suggest to the child a flood of pictures. Following the story are a group of words from which the child is to select one or more list, adopted to designate high spots in the story. These silent reading projects appeal to the native interests and prompt purposing. They have definite educational value.

No. 2074—Per set ----- \$0.60

DIRECTIONS: Notice the pairs of words below. In each pair, the words are opposite, or nearly opposite in meaning. Each word is used in a sentence. Read these sentences carefully. Then study the words so that when you see or hear either word of the pair, you immediately think of the other word of that pair.

Catch—Throw

Did you ever catch a bumble-bee?

How far can you throw a stone?

Enter—Leave

A thief tried to enter my window!

I wish you would not leave so soon!

Double—Single

Aunt Sarah gave me a double handful of cherries.

Teaching Word Opposites to Enrich Vocabulary

By Garry Cleveland Myers. Similar to "Easy Opposites" but for more advanced work in the same grades. See page 17 for Diagnostic Testing Pad for this set.

No. 2103—Per set ----- \$0.60

cold - - hot
Aletha played until her food was cold.
Monica burned her mouth with a hot potato.

cold

EASY OPPOSITES

By Garry Cleveland Myers. For 3rd, 4th and 5th Grades. A self-teaching set similar in purpose and construction to "Easy Synonyms" described at left but teaching antonyms. See page for Diagnostic Testing Pad for this set.

No. 2090—Per set ----- \$0.60

SET 1—LESSON 1

DIRECTIONS: Each important word below often is confused with another word which has the same sound but different spelling. Read each sentence carefully in which this word is used and note its spelling. Then write on a piece of paper two sentences containing the same word.

Cents

Cents grow to dollars.

Mina gave sixty-five cents for

missions.

"Twenty-three cents, please," said the clerk.

Karina spent five cents for candy.

Way

The poor man got in the way of the fire engine.

DRILL ON HOMONYMS

By Garry Cleveland Myers. For 3rd, 4th and 5th Grades. These "self-teaching by samples" sets consisting of 16 cards each, size 6x9 inches. Pairs of homonyms never appear together on the same card. On each card are 4 words, each being one word from a pair of homonyms. There are four sample sentences illustrating each word. Pupil then writes two more such sentences each including word. See page for three Diagnostic Testing Pads for these sets.

No. 2117—Per set ----- \$0.60

No. 2118—Per set ----- .60

No. 2119—Per set ----- .60

Moyer's Quality Is the Truest Economy

"SELF-TEACHING BY SAMPLES" FOR GRADES 3 TO 7

Our school rooms of today are becoming what they should become, Educational Work Shops, equipped with educational materials in sufficient variety to take into account the individual differences, and yet to provide for maximum progress with minimum of wasted effort. Modern Seatwork saves money, time and effort of the Child, Teacher, Principal, Supervisor, Superintendent and the School Board.
—G. C. M.

DIRECTIONS: Here are several paragraphs with a sentence below each. This sentence tells what the paragraph says. We call it a summary.

EXAMPLE No. 1 The little boy was playing in the field. He found a bird's nest. Eggs were in the nest. They were pretty. These eggs were blue.

SUMMARY. The little boy playing in the field found a bird's nest with pretty blue eggs.

Now write on a separate sheet what each of the following paragraphs says. Then check your answers with the answers on the teacher's desk.

1. The horse kicked Bill. Bill was hurt. His leg was broken.
2. John likes an automobile. His father has one.

SUMMARIZING PARAGRAPHS Self-Supervised—Self-Teaching

By K. M. Persing and Garry Cleveland Myers. For all grades from third to Senior High School. Set consists of 16 "Self-teaching by Samples" lessons in paragraph summarizing, which is the highest form of Silent reading and study. Each lesson includes three sample summaries and five exercises for the pupil, with Teacher's Key for verification. These unique exercises are based upon a published research by each author and elaborate researches now in progress.

- No. 2079—For 3rd, 4th and 5th Grades.
- No. 2080—For 5th and 6th Grades.
- No. 2081—For 7th and 8th Grades.
- No. 2082—For 8th and 9th Grades.
- No. 2083—For Senior High School.

Price, per set\$0.60

LESSON 1

DIRECTIONS: Read very carefully everything on this page.

- is (are) was (were) been
1. Jumbo is a big old elephant!
 2. All the chickens are here.
 3. Those bears were funny.

PROBLEMS

DIRECTIONS: On another sheet of paper write the sentences below, using the right word in place of the blank. Turn the card to the other side whenever you need help.

- is (are) was (were) been
1. The Clowns ----- very funny yesterday.
 2. Elaine ----- not at home now.
 3. Where have the robins ----- all winter?
 4. All these -----

DRILL ON EVERYDAY VERBS

By Garry Cleveland Myers. For 4th, 5th and 6th Grades. A set of 16 cards each, size 6x9 inches. Each card has on the lesson side three verbs, each illustrated in four forms, in a sentence. On the self-teaching side these same sentences appear with the verb missing. See page for testing pad for this set.

No. 2095—Per set\$0.60

DIRECTIONS: Read these sentences carefully. Notice the words written in italics. When you have finished, turn the card.

1. Is that why he let his whiskers grow last winter?
2. Florence was able to sit up this morning.

PROBLEMS

DIRECTIONS: On a sheet of paper copy each sentence below; putting the right word where there is now a blank space. Turn to the other side of this card whenever you need help. Finally, check carefully with the lesson on the other side.

1. Is that why he ----- his whiskers grow last winter?
2. Florence was able -----

DRILL ON VERB DEMONS Self-Supervised—Self-Teaching

By Garry Cleveland Myers. For 4th, 5th, 6th and 7th Grades. Two sets each consisting of 16 self-teaching from sample cards, size 6x9 inches. On lesson side of each of 8 cards are 25 sentences including 10 verb forms of sit, lie and let. On the self-teaching side are 20 of these same sentences with verbs omitted. On 8 other cards appear, in like manner the verbs set, lay and leave. "Learn to do by doing correctly," is the slogan of these exercises. See page for testing pad for this set.

No. 2091—Per set\$0.60
No. 2092—Per set60

DIRECTIONS: Below are words often confused and misused. Each word appears in a sentence. Observe carefully how each word is used. Then for each word write, two more sentences, each sentence including that word.

Stay—Stop

At what hotel are you staying?
We are going to stay at Washington House.

Let us stop here for dinner.
The food tasted so good that I could hardly stop eating.

Residence—House

She claims residence in Cleveland.
We passed the stately residence on Fifth Avenue.

Who lives in the house next to yours?

STUDY OF WORDS Often Confused and Misused

By Garry Cleveland Myers. For grades 3 to 7. Two self-Supervised "self-teaching by samples" sets, each consisting of 16 cards, size 6x9 inches. On each card are 3 pairs of words often used incorrectly. On lesson side of card are samples as: "stay—stop". "We are going to stay at the Washington House." "The food tasted so good I could hardly stop eating." Each word has two sample sentences. See page for testing pad for this set.

- No. 2104—For 3rd, 4th and 5th Grades.
- No. 2105—For 5th, 6th and 7th Grades.

Price, Per set\$0.60

Largest Stock of School Supplies in Canada

NEW LANGUAGE STUDIES FOR GRADES 1 TO 8

There is a tendency everywhere to have the children do their own learning; the teacher helping, guiding and inspiring, stepping more and more into the background, but never losing her hold upon the pupils and their work. As a result of modern, rational methods of teaching and learning, the relations between teachers and pupils are becoming more and more what they should be—co-workers, comrades, good friends.—G. C. M.

STORY 3

DIRECTIONS: Read this story carefully. Copy it slowly and carefully on a sheet of paper. Check with this card. Then finish the story. Finally, write in not more than five words, the subject of the story.

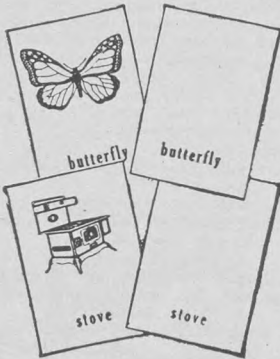
I dreamed one night that I was as big as a house. Everything around me looked so little. People seemed to be as small as ants, and children looked like specks of dust. I started to walk across the street and just as I did so a very large truck ran between my legs and a big horse almost got under my foot.

STORY STARTERS

By Garry Cleveland Myers, Ph. D. For 3rd, 4th, 5th, 6th, 7th and 8th grades. Two sets of 32 stories printed on cards $4\frac{1}{2} \times 6$ inches, based upon interesting everyday experiences of school children, stories which make an emotional appeal. Pupil is to copy the story, finish it and give it a title. Motivated to read and to create, he learns by copying samples carefully some elementary skill in written composition.

These Story Starters have been written with a view to stir up feelings in the learner, to suggest to him a flood of images, to arouse in him an overwhelming urge toward self-expression.

Nos. 2086 and 2087. Grades 4, 5 and 6. Per set.....\$0.60
No. 2148—Grades 3 and 4. Per set.....\$0.60
No. 2149—Grades 7 and 8. Per set.....\$0.60



SELF-TEACHING VOCABULARY

By Garry Cleveland Myers. A group of five "self-teaching by samples" sets, each set consisting of 90 to 108 cards 2×3 inches and each set giving self instruction in vocabulary of 90 words taken chiefly from Thorndike's list. One side of each card is printed with drawing of a subject familiar to every child, including animals, birds, toys, etc., with name printed below the drawing. Pupil studies words until he feels that he knows each one, then tests self by turning to back of card, on which is printed the name of the article without picture.

No. 2066—Chiefly from Thorndike's list.
No. 2109—Chiefly from first 500 Thorndike words.
No. 2110—From second 500 Thorndike words.
No. 2111—Chiefly from third 500 Thorndike words.
No. 2112—Picture action words.

Price, per set.....\$0.60

STORY 62

DIRECTIONS: Read this story carefully. Write, in one sentence, what happened. Draw what happened. Write, in not more than five words, the subject of this story.

"I won't do it again if you let me go this time. I promise. Daddy," shouted Fred.

"Yes," replied the father, "that is what you have said before. You have needed this for a long while. I'll do it right this time."

Daddy said no more. Fred made the next remark. But, it was not a speech, for he yelled: "Ouch, ouch, ooo, ouch!"

WHAT HAPPENED STORIES

By Garry Cleveland Myers. For 4th and 5th Grades. Two sets consisting of 32 stories each, printed on $4\frac{1}{2} \times 6$ inch cards. Each story is an account of striking episodes common to the observation and experience of every pupil. Therefore strongly motivated silent reading exercises.

As soon as a pupil has finished with a card, he may exchange with another pupil who has also finished.

After each pupil has had several such exercises he may write one or more similar stories.
Nos. 2096, 2097 and 2150. Per set.....\$0.60

MIXED WORD ORDER SENTENCES

By Garry Cleveland Myers. For Grades 2 to 5. Sixteen cards, size 6×9 inches. The words used in this exercise are all taken from Thorndike's first 1000. Each Card includes 20 mixed sentences as—"work I play to like and." Child is to rewrite each sentence in correct order as—"I like to work and play."

No. 2125—Per set (grades 2 and 3).....\$0.60
No. 2126—Per set (grades 3, 4 and 5).....\$0.60

MIXED SENTENCES

For Story Making

By Garry Cleveland Myers. These self-supervised silent reading sets consist of 16 lessons on cards 6×9 inches, each card containing a 5 to 9 sentence paragraph, with sentences in mixed order. Pupil is to rearrange sentences to make a connected paragraph, and also to give the story a title.

Provides 32 projects or 512 separate simultaneous activities for 16 pupils.

The puzzle element in this set is always interesting. It affords the element of chance and self-rivalry. To attempt to solve a puzzle is to accept a challenge. Therefore, when the pupil arrives at the goal he inevitably gets a thrill from the fulfillment of a purpose which temporarily had been thwarted.

No. 2068—4th, 5th and 6th grades. Per set.....\$0.60
No. 2151—3rd and 4th grades. Per set.....\$0.60

DEVELOPING SENTENCE SENSE

By Lena Albinger. For 3rd, 4th and 5th grades. Consists of 136 groups of words, for sentence recognition, to be classified by the pupil as to whether or not each group makes a complete sentence. Printed on eight cards, size 9×12 inches.

Complete set provides eight projects or 128 separate simultaneous activities in self-supervised silent reading seatwork for a class of 16 pupils, or 64 activities for a class of 32 pupils.

No. 2121—Per set.....\$0.60

NEW PICTURES TO CUT—COLOR—DRAW—PASTE



MOTHER GOOSE POSTERS to color

New set of Mother Goose drawings easy to color, for Primary Grades. Excellent for pupils' color work, and then to be used for schoolroom decoration. The Black and White outlines with appropriate rhymes for each—rhymes are printed on good quality pure white 3-ply cardboard, size 9 x 12 inches, with complete directions for crayon or water coloring. Set includes same drawings as No. 2065 described at right.

No. 2064—Price, per set ----- \$0.55

GOING THROUGH THE ZOO

For 2nd and 3rd Grades. An exceptionally useful set of Zoo animal drawings with instructive verse by Edmund Vance Cooke under each drawing.

Sixteen animals on cards 9 x 12 inches, to be colored or cut, colored and mounted.

No. 2053—Per set ----- \$0.40

MARK AND MAY

For Grades 1 and 2. A "Happy Book for Boys and Girls" containing 12 pictures to color as described above, with appropriate verses by Edmund Vance Cooke under each drawing, and depicting the lively Characters Mark and May in child-interest activities.

Artistically bound with sheepskin thong in loose-leaf covers. Verse by Edmund Vance Cooke under each picture.

No. 2050—Each ----- \$0.30



PATCH-WORK POSTERS From Mother Goose

Teaches children to use scissors and paste. Consists of ten drawings, including Rub-a-Dub, Dub, Little Miss Muffet, Little Tommy Tucker, Old Mother Hubbard, Mistress Mary, Old Woman Tossed Up in a Basket, See Saw, Rock-A-Bye, Baby, Little Boy Blue, and Sing a Song of Sixpence, printed on heavy 9 x 12 inch colored mounting paper. Also a number of brilliantly colored sheets of cutting paper, containing printed outlines of various parts of each picture. These sectional outlines are to be cut apart by pupils, and pasted in proper place on the printed mount, according to key letters and complete instructions furnished with each set.

No. 2065—Price, per set ----- \$0.75

THE GARDEN PARTY

For 2nd and 3rd Grades. A "Happy Book for Boys and Girls" containing sixteen beautiful drawings of good things to eat, with appropriate verse by Edmund Vance Cooke, under each drawing; verses are extremely clever. Bound with sheepskin thong.

No. 2052—Each ----- \$0.30

PLAYMATES OF OTHER NATIONS

Another "Happy Book for Boys and Girls" containing 16 pictures of "Familiar Friends," the children of other countries in native costumes, to color.

No. 2051—Each ----- \$0.30

MOTHER GOOSE PICTURES

The Maria L. Kirk "Mother Goose Pictures" in the school or home afford excellent stimulus to child's imagination. Two series of ten prints each as follows, lithographed in full colors, 6½x8½ inches.

Series 50 includes Red Riding Hood, Jack Be Nimble, Pumpkin Eater, Peter Piper, Goosey Gander, Dickory Dock, Little Drops of Water, Tom, the Piper's Son, Cinderella, Jack, the Beanstalk.

Per Set ----- \$0.60

Series 60 includes Miss Muffet, Jack Horner, Mary Quite Contrary, Little Pig to Market, Queen of Hearts, Jack and Jill, Boy Blue, Bo Peep, Goose Girl, Now I Lay Me.

Per Set ----- \$0.60

CLARA BURD CHILD LIFE PICTURES



No. 84



No. 50

Printed in seven colors. Size 3¼ x 5 inches. With suggestions for innumerable uses in Seat-work, Silent Reading, Booklet Making, Composition, etc. Twelve pictures in each set. Ten sets.

No. 75—Down on the Farm, per set -----	\$0.45	No. 84—Nursery Rhymes, per set -----	\$0.45
No. 80—When a Fellow Needs a Friend, per set -----	.45	No. 85—Hansel and Gretel, per set -----	.45
No. 81—Children's Games, per set -----	.45	No. 86—Every Day Work and Play, per set -----	.45
No. 82—Wee Wisdom, per set -----	.45	No. 88—Playtime Proverbs, per set -----	.45
No. 83—Let's Pretend, per set -----	.45	No. 89—Songs We Love, per set -----	.45

MYERS' DIAGNOSTIC TESTING PADS

All of the simple diagnostic testing pads described below and on preceding page are offered, for sale at exceptionally low prices. For general testing purposes, or specifically in connection with our new Seatwork numbers, the corresponding numbers of which are given below for each pad. Pads are 9x12 inches, 50 sheets clearly printed, and with space for pupil's name, date, and grade or score.

For 3rd and 4th Grades

Reading and Writing Numbers—Test Pad No. 2505. Problems in writing number combinations containing from two to nine digits (ten to hundred million). PART TWO tests on writing words from figures. For use independently or with new teaching set No. 2072.

Per Pad30 Dozen Pads \$3.00

Easy Synonyms—Test Pad No. 2510. A list of 90 words taken from Thorndike's word list. Pupil is to write synonym opposite each word. For use independently or with new teaching set No. 2088.

Per Pad30 Dozen Pads \$3.00

Test on Synonyms—Test Pad No. 2516. Same as above but with more difficult words for 3rd and 4th Grades. For use independently or with new teaching set No. 2107.

Per Pad30 Dozen Pads \$3.00

Division With a Remainder—Test Pad No. 2508. Eighty simple problems in "Division with a Remainder," for which the pupil writes the answer as:

$$\begin{array}{r} 1 + 2 \\ 5 \overline{)7} \end{array}$$

To be used in review or in preparing for more advanced work, independently or with new teaching set No. 2099.

Per Pad30 Dozen Pads \$3.00

Multiplication With Carrying—Test Pad No. 2509. Fulfills the same function in multiplication which No. 2508 (above) fulfills in Division. Pupils are to write their answers similarly. To be used in review or in preparing for advanced multiplication, either independently or with new teaching set No. 2106.

Per Pad30 Dozen Pads \$3.00

For 3rd, 4th and 5th Grades

Easy Synonyms—Test Pad No. 2511. Same as test pad No. 2510 (above), but for pupils in 3rd, 4th and 5th grades. To be used independently or with teaching set No. 2089.

Per Pad30 Dozen Pads \$3.00

Test on Synonyms—Test Pad No. 2517. Same as test pad No. 2511 (above), but with words of greater degree of difficulty. To be used as an independent test, or in conjunction with new teaching set No. 2108.

Per Pad30 Dozen Pads \$3.00

Easy Opposites—Test Pad No. 2512. Similar to test No. 2510 (above), but with drill on antonyms or words of opposite meanings. Words are selected from Thorndike's word list. To be used independently or with new teaching set No. 2090.

Per Pad30 Dozen Pads \$3.00

ARITHMETIC NUMBER TESTING PADS

Children in the Second, Third, Fourth, or even higher grades often do not know their number facts well. In such cases, Dr. Myers' Diagnostic Testing Pads render valuable service by indicating just where the weakness lies in each child. Remedial drill then becomes a simple matter.

To be used independently or with our new teaching sets as follows:

Test No. 2500 with Set 2060
Test No. 2501 with Set 2061
Test No. 2502 with Set 2062
Test No. 2503 with Set 2063

Pads consist of 50 Sheets, 9x12 inches, each sheet printed with test problems of the one hundred combinations. Please order by number.

No. 2500—ADDITION, per pad \$0.25
No. 2503—SUBTRACTION, per pad25
No. 2501—MULTIPLICATION, per pad25
No. 2502—DIVISION, per pad25
Per dozen, pads 2.40

For 3rd, 4th and 5th Grades

Test on Homonyms—Test Pads Nos. 2518, 2519, 2520. Three new test pads each consisting of a list of homonym pairs, with two sentences for each pair. Pupil is to insert correct word in blank space in each sentence. To be used independently or with new teaching sets as follows:

Test No. 2518 with Set 2117.

Test No. 2519 with Set 2118.

Test No. 2520 with Set 2119.

Per Pad30 Dozen Pads \$3.00

Drill on Word Study—Test Pad No. 2514. A list of words of somewhat similar meanings, but which nevertheless require discrimination in use. Blank spaces in printed sentences are to be filled in with correct word. To be used independently, or with new teaching set No. 2104.

Per Pad30 Dozen Pads \$3.00

Word Order Tests—Test Pads No. 2521 and 2522. Drill and Tests on making sentences from mixed order words. To be used independently or with teaching sets as follows:

Test No. 2521 with Set 2125

Test No. 2522 with Set 2126

Per Pad30 Dozen Pads \$3.00

For 4th, 5th and 6th Grades

Test on Opposites—Test Pad No. 2513. Same as No. 2512 (above), but with words of a greater degree of difficulty. Words are selected from Thorndike word list. To be used independently, or with new teaching set No. 2103.

Per Pad30 Dozen Pads \$3.00

Drill on Every Day Verbs—Test Pad No. 2507. A list of the 50 most common verbs, with a printed sentence after each verb. Pupils to write the correct form of the verb in blank space in each sentence. To be used independently or with new teaching set No. 2095.

Per Pad30 Dozen Pads \$3.00

For 5th, 6th and 7th Grades

Reading and Writing Decimals—Test Pad No. 2504. Similar to test No. 2505 (above), but with decimals replacing simple numbers. For use independently, or with new teaching set No. 2073.

Per Pad30 Dozen Pads \$3.00

Drill on Word Study—Test Pad No. 2515. Similar to Test No. 2514 (above), but including words of greater degree of difficulty. To be used independently or with new teaching set No. 2105.

Per Pad30 Dozen Pads \$3.00

TEST ON VERB DEMONS

For 4th, 5th, 6th and 7th grades. Though this test pad is intended for use after pupils have studied our new Seatwork DRILL ON VERB DEMONS the teacher will find it exceptionally useful even when used independently of the above Seatwork.

Myers' diagnostic testing pad No. 2506 permits of thorough individual testing of all forms of the verbs SIT, LIE and SET, LAY and LEAVE often incorrectly used by all. Top of the 9x12 sheet gives correct forms of the verbs. Lower portion contains 25 sentences using these various forms, with blank space in each sentence for pupil to write in proper form of the verb, for example:

"Last week our old hen five eggs."

"Careful parents never go away and sharp things where the baby can get at them."

Test No. 2506—Per pad (50 sheets) \$0.30

Per dozen pads 3.00

RELIGIOUS PICTURES

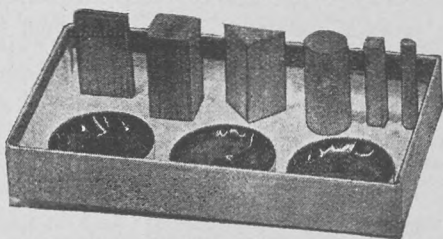


Penny Ross has made 12 outline drawings of non-sectarian religious subjects that will appeal strongly to many teachers. They are suited to any season, but are especially appropriate for Christmas.

Printed on a good grade of white drawing paper, 6x9 inches, full directions for coloring, in a strong kraft envelope.

No. 515. Per set of 12\$0.25
No. 515. 5 Sets for 1.00

STICK PRINTING OUTFITS



The complete set consists of an attractive cardboard box, three metal pans containing felt pads saturated with colors, one each red, yellow and blue. Six one inch printing sticks, one each oblong and triangle, two sizes of circles and squares.

No. 220. Per set\$0.25
Per dozen sets 2.75

BUILT-UP PANEL POSTERS

This new series of panel posters prepared by Bess Bruce Cleaveland makes it possible to build up a larger picture than can be done with her regular posters.

Each set contains 4 backgrounds, 12x36 inches, printed on heavy construction paper, also printed ready for cutting and mounting upon the backgrounds. Everything is keyed so that the work may be done easily.



No. 625. Santa Claus Panels. Backgrounds grounds and colored paper for 4 large posters, complete and simple directions, in an envelope\$0.75



No. 626. Indian Life Panels. Backgrounds and colored paper for 4 large posters, complete and simple directions, in an envelope\$0.75

HEALTH POSTERS FOR CHILDREN



The importance of healthful living and habits is now being taught in schools everywhere. These lessons can be brought home to the pupil most effectively through pictures.

Miss Cleaveland has prepared 10 of her very attractive outline drawings depicting the health habits educators are most anxious to teach.

The set of 10 drawings, 9x12 inches; is printed on heavy drawing paper and put up in a kraft envelope with directions for coloring.

No. 615. Per set of 10\$0.40

SAFETY FIRST POSTERS FOR COLORING



The alarming number of deaths by accidents of all kinds makes the teaching of safety rules imperative. These outline drawings by Miss Cleaveland will greatly aid the teacher in bringing home to the pupil the importance of the lessons she is teaching. Each danger is emphasized by a picture which the children will enjoy coloring.

The set of 10 drawings, 9x12 inches, is printed on heavy drawing paper and put up in a kraft envelope with directions for coloring.

No. 616. Per set of 10\$0.40

CARD DESIGNS FOR CHRISTMAS



The individual greeting card is now much in demand. Penny Ross has prepared 12 suggestive cards, very different in style, that will be of great help to advanced pupils in making special cards for themselves or their friends.

Printed on an extra grade heavy white water color paper, 7½x9 inches, in an attractive decorated envelope.

No. 535. Per set of 12\$0.40

THE ABOVE ARE NEW LINES JUST PUBLISHED

NEW SILENT READING SEAT WORK FOR THE BETWEEN-RECITATION PERIOD

TYPE STUDIES

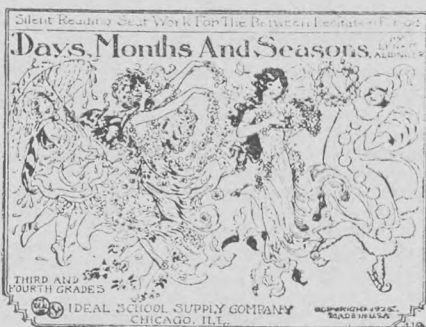


By Lena C. Albinger. Grades 3 and 4. This set offers a brief study of the chief characteristics of four nations, in preparation for the study of Children of Other Lands. It consists of twenty like sheets, describing the Eskimos, Indians, Dutch, and Japanese, in six paragraphs each. It may be used as a game in which a child reads a paragraph and asks, "Who are they?" Children write the answer. The one who has the greatest number of correct answers wins the game.

Printed on heavy manila tag, 9x12 inches. In a kraft envelope with full instructions.

No. 404. 20 Cards, per set.....\$0.60
Postage......10

DAYS, MONTHS, AND SEASONS



By Lena C. Albinger. Grades 3 and 4. The set consists of 5 each of four different cards, whose use provides a foundation for the study of the seasons.

One card is for teaching the names of the days, months, and seasons and furnishes material for calendar building; one contains the vocabulary of the seasons; two contain twenty-four sentences, each to be completed with words supplied.

Printed on heavy manila tag, 9x12 inches. In a Kraft envelope with full instructions.

No. 410. 20 Cards, per set.....\$0.60
Postage......10

CHILDREN OF OTHER LANDS



By Lena C. Albinger. Grades 3 and 4. These lessons have been prepared to pave the way to geography. Children are interested in people whose manners and customs differ from theirs. Ten nations, representative of the races to which they belong, have been chosen, and phases of their lives that are of greatest interest to children have been described in simple language.

There are five sheets, each describing two nations, one sheet of vocabulary building exercises, three to test their knowledge of what they have learned from the descriptive sheets, and one of suggestions for written work, posters and booklets. Two sets are needed for a class.

Printed on heavy manila tag, 9x12 inches. In a kraft envelope with full instructions.

No. 403. 10 Cards, per set.....\$0.35
Postage......10

THE NEEDS OF MAN



By Lena C. Albinger. Grades 3 and 4. Through the story of Robinson Crusoe the child's interest is focussed on the needs of man, how they are supplied, and on the importance of tools and transportation. The wonders of the age in which we live are made vivid by comparison with customs of long ago in which children delight.

There are six study sheets containing subject matter for silent and oral reading to prepare pupils for work on the other sheets. There are six more sheets which test the child's knowledge of what he has learned and the single sheet is for the teacher's use and contains suggestions for projects, booklets, sand tables and posters.

Printed on heavy manila tag, 9x12 inches. Put up a kraft envelope with full instructions.

No. 406. 13 Cards, per set.....\$0.45
Postage......10

ANIMAL SOUNDS AND NOISES



By Lena C. Albinger. Grades 1 and 2. The sounds and noises of animals, their motions, some distinguishing features, where they sleep, and the names of their young are presented in this set. Teachers will find the vocabulary it teaches invaluable in story telling and dramatization. There are eight different cards with sixteen sentences each, and two sets of words to answer questions or fill the blanks in sentences.

Printed on heavy manila tag, 9x12 inches. Put up in a kraft envelope with full instructions.

No. 409. 8 Cards, per set.....\$0.40
Postage..... .07

THE CHILD'S WORLD

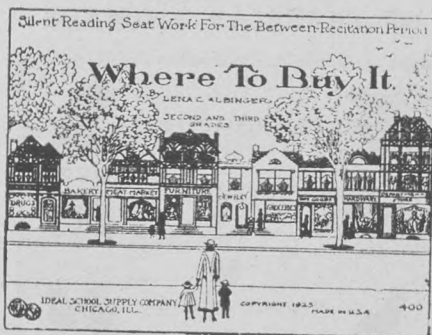


By Lena C. Albinger. Grades 1 and 2. The 6 cards comprising this set tell the story of a child's experiences and interests. There are 48 headings, such as, At the circus, In the woods, etc., under each of which are five sentences which are to be studied, then cut apart and again placed under their proper headings.

Printed on heavy manila tag, 9x12 inches. Put up in a strong kraft envelope with full instructions.

No. 402. 6 Cards, per set.....\$0.30
Postage..... .07

WHERE TO BUY IT

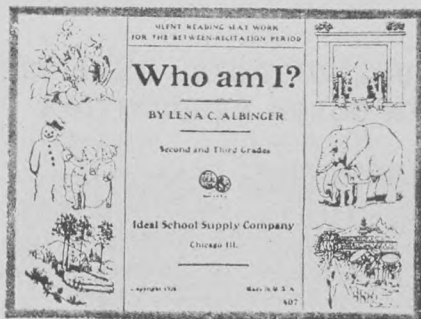


By Lena C. Albinger. Grades 2 and 3. The set consists of ten each of two different cards upon which are printed the names of 204 articles properly arranged under store names, such as Grocery Store, Drug Store, etc. After the complete cards have been studied they are cut up and the small cards with names of articles mixed. The child tests his knowledge by placing cards under the store names where the article is obtainable.

Printed on heavy manila tag, 9x12 inches. Material for 20 pupils. Put up in a strong Kraft envelope with full instructions.

No. 400. 20 Cards, per set.....\$0.60
Postage..... 10

WHO AM I?



By Lena C. Albinger. Grades 2 and 3. This set consists of twelve cards containing 48 nature riddles each illustrated with an attractive and instructive picture, 220 sentences for silent reading help to solve the riddles. These cards may also be used for class work. Material for twelve pupils.

Printed on heavy manila tag, 9x12 inches. Put up in a kraft envelope with full instructions.

No. 407. 12 Cards, per set.....\$0.45
Postage..... .10

ANIMAL, VEGETABLE AND MINERAL KINGDOMS

By Lena C. Albinger. Grades 3 and 4. This set of 8 cards develops the child's vocabulary by teaching him words related to these three kingdoms. There are two cards with words arranged under headings to be studied and then cut apart and again placed under proper headings. There are six more cards with sentences from which words have been omitted. The placing of words to complete sentences tests the knowledge acquired.

Printed on heavy manila tag, 9x12 inches. Put up in a strong kraft envelope with full instructions.

No. 401. 8 Cards, per set.....\$0.40
Postage..... .08



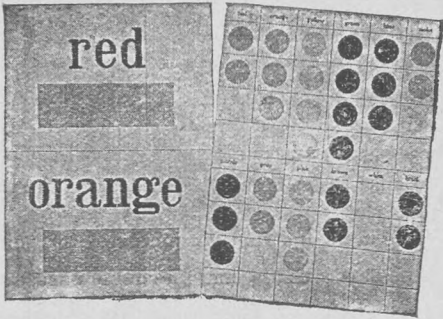
SILHOUETTES
OF FAMILIAR ANIMALS



By Elenor Williams and Elsie F. Larson. For the first grade. This set consists of six cards. On each there are four pictures in silhouette of familiar animals with four simple, interesting, and descriptive sentences beside each picture. After the pupil has studied the complete card the sentences are cut apart to be again placed by him beside the proper picture.

Printed on heavy manila tag, 9x12 inches. In a kraft envelope with full instructions.
No. 430. 6 cards, per set.....\$0.40
Postage..... .07

COLOR BUILDERS: EXERCISES
IN COLOR RECOGNITION



By Elenor Williams and Elsie F. Larson. For pre-primary grade. There are six cards with the names of the six primary and six other colors printed in type 1½ inches high and below this a space on which to paste colored construction paper 2x6 inches, which is furnished with each set. These serve as study cards to be hung on the wall. There are ten other cards for pupils' use. These cards have the names of the twelve colors printed in two rows across the card and beneath each are four squares in which the pupil places construction paper circles of corresponding color. With each set there is furnished ten envelopes of circles.

Printed on heavy manila tag, 9x12 inches. In a kraft envelope together with colored papers, circles, and full instructions.
No. 437. 16 cards, per set.....\$0.60
Postage..... .07

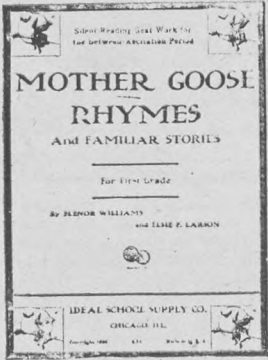
TOYS FOR BOYS AND GIRLS



By Elenor Williams and Elsie F. Larson. For first grade. Twenty-four pictures of interesting toys are printed on six cards. There are three descriptive sentences printed beside each of the four pictures. The pupil first reads the complete card and then after the sentences have been cut apart places them beside the proper picture as a test of his understanding of what he has read.

Printed on heavy manila tag, 9x12 inches. In a kraft envelope with full instructions.
No. 435. 6 cards, per set.....\$0.40
Postage..... .07

MOTHER GOOSE RHYMES AND
FAMILIAR STORIES



By Elenor Williams and Elsie F. Larson. For first grade. There are six cards in this set, four of which contain well known Mother Goose stories told in twelve sentences. After each group of three sentences, there is a question printed. The answers are also printed at the side of the card and are to be cut off and placed where they belong. There are also two cards containing eight familiar rhymes handled in the same manner.

Printed on heavy manila tag, 9x12 inches. In a kraft envelope with full instructions.
No. 431. 6 cards, per set.....\$0.30
Postage..... .07

HEALTH IN EATING—A FOOD PROJECT

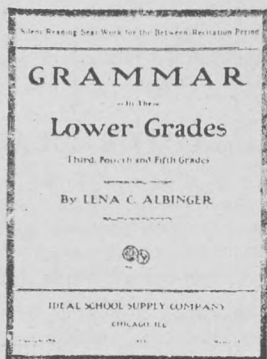


By Lena C. Albinger. Grades 3 and 4. There are six study cards on the use, kinds and care of food, one containing a food chart and five sheets of varied work for pupils which are based upon the study sheets and plans for posters and booklets.

Printed on heavy manila, 9x12 inches. Put up in a kraft envelope with full instructions.

No. 408. 12 Cards, per set\$0.45
Postage..... .10

GRAMMAR IN THE LOWER GRADES



By Lena C. Albinger. Grades 3, 4 and 5. With the days of grammarless English already numbered, children should be given an early start on the road to grammar, learning it unconsciously as such and without the use of technical terms.

This set of twelve different cards gives thorough drill in the study of singulars and plurals, a most complete study of some words often incorrectly used and simple lessons that will prepare the pupil easily to do more advanced work. This is one of the most carefully prepared and valuable sets offered for the teacher's use.

Printed on heavy manila tag, 9x12 inches. In a kraft envelope with full instructions.

No. 411. 12 Cards, per set\$0.45
Postage..... .10

SAFETY FIRST



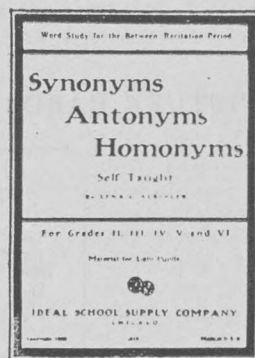
By Lena C. Albinger. Grades 3 and 4. Safety instruction in the schools is yearly decreasing the number of accidents among school children. This set is offered as a help in emphasizing it through the medium of seat work in the between-recitation period.

Three sheets contain thirty-six rules for safety in the form of Safety First's answers to Danger's temptation. The fourth sheet contains rules for safety through eating and drinking, for exercise, the care of eyes and teeth, for cleanliness and good habits.

Printed on heavy manila tag, 9x12 inches. In a kraft envelope with full instructions.

No. 405. 4 Cards, per set\$0.30
Postage..... .05

SYNONYMS, ANTONYMS, AND HOMONYMS SELF-TAUGHT



By Lena C. Albinger. A word study for grades 3, 4, 5 and 6. This set is offered as a help in vocabulary building. It offers the child an opportunity to help himself and measure his own progress. Three cards furnish a study of fifty-four words and their synonyms; three, a study of fifty-four words and their antonyms, and two, a study of thirty-six homonyms. There is also an answer card with a set of answers for the eight cards, material for eight pupils.

Printed on heavy manila tag, 9x12 inches. Put up in a kraft envelope with full instructions.

No. 414. 10 Cards, per set\$0.40
Postage..... .10

SILENT READING SEAT WORK

For Use in Primary Grades



By Agnes Peacock, Marcella Peterson, teachers in the second grade, and Genevieve L. Stone, principal Bremer School, Minneapolis.

Some lessons are based on the idea of fixing a partially acquired vocabulary; others on crystallizing more or less hazy ideas with regard to nature and everyday life; a few take advantage of the child's love of rhyme; one or two challenge his sense of humor; a number introduce simple problems. On each card there is a direction regarding a drawing, in other words a requirement for accurate reading which can be checked by a glance at the child's picture.

There are two sets of twenty cards each. The lessons are varied in character and the words used were carefully selected. A large proportion occurs in Thorndike's five hundred most frequently used words.

Printed on heavy manila tag, 9x12 inches, in modern second reader type. Put up in a strong kraft envelope.

No. 285. Series 1, 20 cards, per set.....\$0.60

No. 286. Series 2, 20 cards, per set..... .60

Postage each..... .10

PICTURE CARDS

Upon each card is a picture reproduced from an original pen drawing of the object represented.

Above the picture is the name of the object in print, while below the picture the name is repeated in script. When used, one or both the names should be cut off, the cards mixed and then given to the child to place with the proper picture again. A large number of common words, printed and written, are thus most pleasantly fixed in the child's mind.

Three sets, each containing twenty-four cards in a pasteboard box:

Set No. 1. Animals, Birds, etc.

Set No. 2. Fruits, Flowers, Vegetables.

Set No. 3. Common Forms and Objects.

Per set\$0.20

Postage..... .03



SENTENCE CARDS

The birds have come back.

How glad we are to see them.

Each card contains a complete story or lesson, printed on a sheet of manila board about 6x12. Each line is numbered, and contains one complete sentence.

It is intended that these stories shall be used one or more times as a reading lesson, and that when the words are somewhat familiar, each sentence be cut into separate words, mixed and given to a pupil to rearrange.

These cards are printed in duplicate in print (First Reader type) and large, round script.

In envelopes, each containing ten cards, one print and one script copy of each of the following stories: Birds, Eskimos, Spring, My Dog, Squirrels.

No. 280. Per set\$0.25
Postage..... .07

DIRECTION CARDS

A card is given to each pupil, who is expected to read silently the directions given thereon. When called upon he is to show his understanding of what he has read by performing the action.

SET No. 1A—FOR CLASS USE

A variety of simple commands or directions, such as "Bring me a book," "Raise your left hand," each printed on a separate card. A set consists of about forty cards, all different. Printed in First Reader type.

Pet set of 40 cards\$0.10
Postage..... .02

SET No. 1B—FOR CLASS USE

The same sentences as No. 1A, but printed in script. The teacher of beginners should have these cards in both print and script, to be used interchangeably.

Per set of 40 cards.....\$0.10
Postage..... .02

SET No. 2—FOR SEAT WORK

This set includes about forty directions for various simple seat occupations, writing, drawing, cutting, word-building, etc., each direction on a separate card, print and script being both used as needed.

Pet set of 40 cards.....\$0.10
Postage..... .02

Outline Drawings to Color

LANDSCAPES TO COLOR



Ten very interesting studies in outline drawn from nature by Bess Bruce Cleaveland. The variety of subjects is sufficient to give very practical work in painting and will interest the beginners. They may be made into attractive art studies by the advanced pupils.

Printed on a good grade of drawing paper, 6x9 inches, 10 drawings in each set, full directions for coloring, in an envelope.

No. 510. Per set of 10\$0.25
Postage 3c each.
Per dozen 2.50

FLOWERS TO COLOR



Ten familiar flowers sketched in outline from nature by Bess Bruce Cleaveland. The directions for coloring are simple and any pupil may produce good results. Advanced pupils may make very fine studies with these interesting outlines. The set contains: Tulip, Morning Glory, Wild Rose, Hollyhock, Chrysanthemum, Pansy, Black Eyed Susan, Nasturtium, Sweet Pea, Poppy.

Printed on a good grade of drawing paper, 6x9 inches, 10 drawings in each set, in an envelope.

No. 511. Per set of 10\$0.25
Postage 3c each
Per dozen 2.50

BUTTERFLIES TO COLOR



Penny Ross has drawn outlines for coloring of ten familiar butterflies and the flower upon which each commonly feeds. The drawings have been made larger than natural size to make the coloring of them easier. The coloring of these drawings will greatly increase the children's interest in these beautiful creatures.

Printed on a good grade of drawing paper, 6x9 inches, 10 drawings in a set, full directions for coloring, in a strong kraft envelope.

No. 512. Per set of 10\$0.25
Postage 3c each
Per dozen 2.50

BIRDS TO COLOR



Kingfisher

Blue Jay

Ten commonly known birds have been drawn from nature by Miss Cleaveland for this set and show the birds in characteristic poses. The coloring can be easily done, as full directions are furnished with each set. The set contains: The Robin, Blue Jay, Oriole, Kingfisher, Meadowlark, Cardinal, Tanager, Goldfinch, Blue Bird, Redstart.

Printed on a good grade of drawing paper, 6x9 inches, 10 drawings in each set, in an envelope.

No. 507. Per set of 10\$0.25
Postage 3c each
Per dozen 2.50

DRAWINGS TO COLOR

Contains fifty different designs, printed on separate sheets of water color paper, 6x9 inches. These drawings are mostly in outline, and are from pen drawings made especially for coloring with water colors or wax crayon. The designs include animals, flowers, leaves, children, etc.

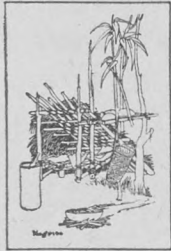
On the strong envelope in which the set is packed are printed simple directions for the proper use of both crayons and water colors, and children are able to make many pleasing and ornamental pictures for home or school use.

No. 501. Per set of 50\$0.40
Postage 8c



STRANGE HOMES OF MANY PEOPLES

CHILDREN OF OTHER NATIONS



These ten very interesting outline drawings made by Penny Ross will be both interesting and educational. Children living in modern comfortable homes will be surprised to see what other children call home. The set of drawings includes the Pueblo, Negrito, Igloo, Sumatra, Kalinga, Tree-House, Papua, Igorot, Congo, Teepee and Log Cabin. Each set contains an interesting story of the houses and the methods of construction.

Printed on a good grade of drawing paper, 6x9 inches, 10 drawings in a set, full directions for coloring, in a strong kraft envelope.

No. 513. Per set of 10\$0.25
Postage each 3c
Per dozen sets 2.50



The World War has brought us much nearer to other nations and this series of drawings by Miss Cleaveland will help to acquaint children with the costumes of nations about which they hear so much. The series contains 10 outline drawings in black on high grade drawing paper, 6x9 inches, and includes children of: Alsace, Belgium, Holland, Italy, Spain, Japan, China, Russia, Switzerland, Scotland.

Simple directions for coloring are furnished with each set, which is put up in a strong envelope.

No. 509. Per set of 10\$0.25
Postage each 3c
Per dozen sets 2.50

CHILDREN AND THEIR PETS



In this series Miss Cleaveland has produced one of her best sets of drawings showing children playing with pets commonly owned by children. The drawings are simple and charming and easily colored. The pets shown are: Parrot, Puppies, Chicks, Guinea Pigs, Squirrels, Canaries, Lambs, Kittens, Ducks, Rabbits.

The set of 10 drawings, 6x9 inches, is printed on drawing paper and put up in an envelope with full instructions for coloring.

No. 508. Per set of 10\$0.25
Postage 3c
Per dozen sets 2.50

HOLIDAY DESIGNS TO COLOR



These ten designs have been prepared by Miss Cleaveland to cover the holidays of the school year. They are charming designs, simple in drawing and easy to color. Children will delight in preparing these as souvenirs, program or booklet covers for these special days. The designs are for St. Valentine's Day, Easter, Arbor Day, Decoration Day, Flag Day, Hallowe'en, Thanksgiving, Christmas.

No. 503. Per set of 10\$0.25
Postage each 3c
Per dozen sets 2.50

BESS BRUCE CLEAVELAND CALENDARS TO COLOR

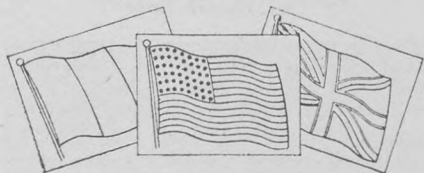
These original designs show some of Miss Cleaveland's most pleasing work, simple, charming studies of child life combined with calendar forms for each month of the year, and so simple that they may be very easily colored.

With each set of the calendars is included a full set of easy pen numerals as a copy from which the calendar forms may be neatly filled. Each calendar is printed on a sheet of water color paper, 6x9 inches in size.



No. 502. Per set of 12\$0.25
Postage each 3c
Per dozen sets 2.50

FLAGS TO COLOR



Every child should be able quickly to recognize the flag of other nations as well as their own. Filling in the outlines of this set of flags will help them to do this. The set consists of the flags of the twelve leading nations drawn in graceful outline.

The twelve flags are printed in outline on separate sheets of water color paper, 6x9 inches. Put up in an envelope with full instructions for coloring with either water colors or colored crayons.

No. 505. Per set\$0.25
Postage each 3c
Per dozen sets 2.50

BLOTTER COVERS TO COLOR



These simple designs are printed on good white water color paper, 4x9½ inches, the size of the ordinary blotter, and punched near the end with two round holes. They are very easily colored by pupils of the lower grades, and when tied through the perforations with baby ribbon are pretty enough to please anyone.

1. Violet
2. Merry Christmas
3. With Christmas Greeting
4. Brownie
5. Sunbonnet

No. 504. Per dozen\$0.15
Postage 4c

BLOTTERS

Good quality blotters, assorted colors, cut to size and punched for covers.

No. 504B. Per dozen\$0.15
Postage 4c

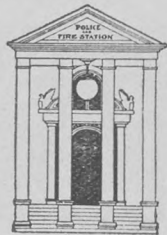


CALENDAR OF FLOWERS TO COLOR

Twelve calendar sheets and a top sheet, with floral designs suitable for each month, easily colored, printed on water color paper 6x9 inches, in an envelope with full directions.

No. 506. Per set\$0.25
Postage each 3c
Per dozen sets 2.50

MODEL VILLAGE FOR SAND TABLE AND PROJECT WORK



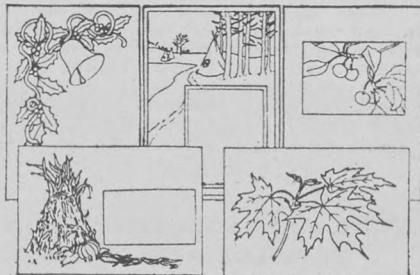
This set of outline drawings for coloring, cutting and making was drawn by Penny Ross. The set consists of 10 buildings, public and private, bandstand, fountain, flag pole, traffic signals, an automobile and 18 figures of men, women and children, which are to be made into small standups.

This set is especially suited to project work and with it some very attractive problems may be worked out either with or without the sand table.

Sixteen sheets, 6x9 inches, printed on heavy white construction paper, full instructions for coloring and making, in a strong envelope with special decorative picture.

No. 4050. Per set\$0.35
Postage 4c

BOOKLET COVERS TO COLOR



Twelve artistic and attractive covers for coloring in water colors or wax crayon. These are engraved from pen drawings; printed on a high grade of tinted water color paper and folded with design on front, each making a complete cover for a booklet 5x7 inches. The designs are sufficiently varied to meet the seasonal demands of the school year.

1. Lilies
2. Landscape
3. Cherries
4. Hiawatha
5. Goldenrod
6. Japanese
7. Maple Leaf
8. Holly and Bell
9. Wild Rose
10. Autumn
11. Valentine
12. Chrysanthemum

No. 525. Per dozen\$0.25
Postage 4c



PENNY ROSS BOXES AND BASKETS TO COLOR AND CUT



In this set of twelve boxes and baskets will be found a variety suited to the seasons of Christmas, Thanksgiving, Hallowe'en and Easter.

There are twelve original novel and artistic designs, each making a serviceable and permanent article. Printed on construction paper, assorted colors, 9x12 inches. Put up in a strong envelope, attractively printed, with full instructions for coloring.

No. 6091. Per set\$0.40
Postage 7c

ANIMAL BOXES AND BASKETS

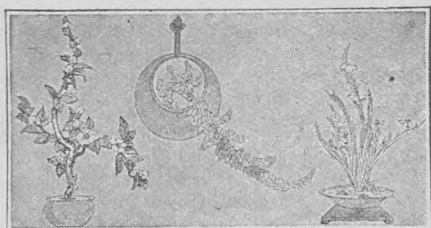


Mr. Ross has prepared a new series of boxes and baskets, using animals and birds as the decorative motif. The shapes and styles are novel, varied and artistic. Printed on heavy white drawing paper, 9x12 inches. Put up in a kraft envelope with full and simple instructions for coloring.

No. 6091 . Per set\$0.40
Postage 7c

FLOWER ARRANGEMENT STUDIES TO COLOR AND CUT

By Penny Ross



The proper and artistic arrangement of flowers is a subject which few understand, but it is quite worthy of careful study.

For this set of twelve drawings in outline Mr. Ross has selected a variety of common flowers which are to be colored, cut out and pasted into the vase or basket, which is also printed upon the sheet with the flowers. Full instructions for coloring and arranging are given as well as some very helpful suggestions as to the proper grouping of flowers by color.

Printed upon heavy white drawing paper, 9x12 inches, and enclosed in a heavy and attractive envelope.
No. 5600. Per set\$0.35
Postage 7c

WATER COLOR CARDS

By Penny Ross

These outline drawings for coloring are printed on heavy water color board, 3¼x6 inches, and on the reverse side is a post-card form for addressing and mailing.

Each set of twelve cards with instructions for coloring is put up in a heavy envelope printed with a special cover design.



Christmas—12 Designs

No. 550. Per set\$0.30
Postage 3c

Thanksgiving—12 Designs

No. 551. Per set\$0.30
Postage 3c



Hallowe'en—12 Designs

No. 552. Per set\$0.30
Postage 3c

Easter Rabbits—12 Designs

No. 553. Per set\$0.30
Postage 3c

WINDOW TRANSPARENCIES



Miss Cleaveland has drawn in outline ten children whose national costumes are both bright and interesting. These outlines are printed upon transparent paper, upon which is mounted colored tissue paper printed and keyed for cutting. Frames made of heavy paper are also furnished, and when completed and hung in the window they are very attractive.

No. 570. 10 subjects, complete with all material and frames\$0.50
Postage 7c

BUILT-UP POSTERS

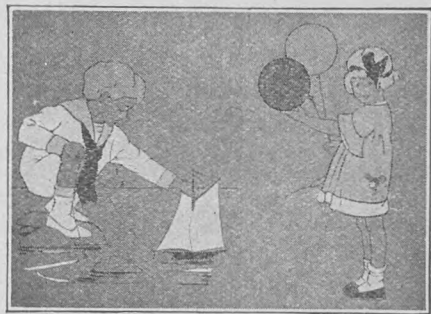


This original idea in poster making was prepared by Bess Bruce Cleaveland and will be a great aid to teachers.

Each set in the series consists of ten sheets of 9x12 heavy construction paper upon which are printed the full outline of the poster to be built up. On these backgrounds are key words or letters telling which color of paper to use to make the poster. Each set also includes sheets of various colors of coated paper printed with outlines so that each color may be cut out and mounted in its proper place according to the color key mentioned above.

When these posters are completed all colors necessary to make a beautiful picture will have been used. A printed outline completes all details that cannot be made with paper.

No. 604. Mother Goose Built-up Posters, mounts and colored paper for 10 interesting subjects, complete and simple directions, in an envelope\$0.75
Postage 7c



No. 600. Child Life Built-Up Posters, mounts and colored paper for 10 attractive pictures, complete and simple directions, in an envelope\$0.75
Postage 7c



No. 602. Bird Built-Up Posters, mounts and colored paper for 10 bright colored pictures, complete and simple directions, in an envelope\$0.75
Postage 7c



No. 603. Pilgrim Built-Up Posters, mounts and colored paper for 10 character studies, complete and simple directions, in an envelope\$0.75
Postage 7c



No. 691. Flower Built-Up Posters, mounts and colored paper for 10 popular flower studies, complete and simple directions, in an envelope\$0.75
Postage 7c

IDEAL STAND-UPS

These cutouts originated and drawn by Estelle Perkins furnish practice in cutting and coloring and when finished make lasting toys or decorations.

HUMPTY DUMPTY STAND-UPS



The set consists of twelve fat and jolly subjects drawn in outline, and to be colored, cut out, folded and fastened as real stand-up toys.

Printed on a good quality of extra heavy white construction paper, 7½x9 inches, 12 drawings in each set, in a strong kraft envelope, very complete directions.

No. 6060. Per set, in envelope\$0.35
Postage 4c

MOTHER GOOSE STAND-UPS



Twelve pleasing outline drawings of popular Mother Goose subjects, to be colored, cut out and folded into toys that will stand usage. Uniform in style with the Humpty Dumpty series.

No. 6061. Per set, in envelope\$0.35
Postage 4c

FABLES IN SILHOUETTE



Outline drawings by Bess Bruce Cleveland are printed upon the white side of black silhouette paper and when cut and mounted twelve of the best known fables will be pictured. These will make pleasing decorations and may be used in connection with reading and language lessons.

The set of twelve sheets, 10x12 inches, and full instructions for cutting and mounting, is put up in a strong kraft envelope with decorated cover.

No. 8053. Per set\$0.40
Postage 6c
3 for 1.00

MOTHER GOOSE SILHOUETTES

Revised Edition



Twelve artistic drawings in outline of Mother Goose favorites by Penny Ross, printed from new plates on the white reverse side of black silhouette paper. To be cut out and mounted for scrap-book illustrations, posters, schoolroom or nursery borders, etc. The drawings, 10x12 inches, are full of life and carry out the spirit of the familiar rhymes perfectly.

No. 8050. Per set\$0.40
Postage 6c

SILHOUETTE DESIGNS

Revised Edition



Twenty sheets of black silhouette paper, 10x12 inches, with outline drawings, by Penny Ross, printed from new plates on the white reverse side. One hundred animals, birds, children and other designs are included. The designs are to be cut out and used for making posters, borders, etc., which can be made very useful in primary language, number and drawing.

No. 8051. Per set\$0.40
Postage 6c

HIAWATHA SILHOUETTES

In Three Colors



Hiawatha is one of the children's most popular poems and Penny Ross has made ten attractive drawings of scenes and characters which will greatly aid in the study of this classic.

The outlines for these pictures are printed upon different colors of heavy drawing paper, size 9x12 inches.

The silhouette figures to be cut out and mounted are printed on the coated paper which is furnished in the proper contrasting colors.

Each envelope contains ten different backgrounds and all the material needed to complete the pictures. Full directions for cutting and mounting.

No. 6020. Per set in envelope\$0.75
Postage 8c

EASY TO CUT SILHOUETTES

For Beginners



Seventy-five animals and birds have been drawn in outline by Penny Ross. The simplest possible outline has been made so that the youngest pupils may cut out these delightfully pleasing pictures for mounting. The outlines are printed on the white side of black silhouette paper.

Each set contains 12 sheets, 10x12 inches, put up in a strong and attractive envelope.

No. 8060. Per set\$0.40
Postage 5c
3 for 1.00

RAINY DAY PLAY

Silhouette

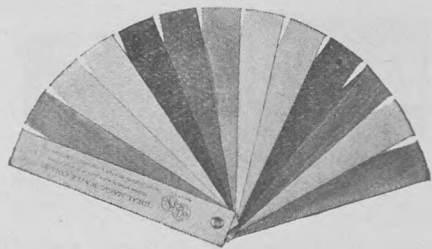


Sixty-three silhouette designs of animals and birds, copied from paintings by Rosa Bonheur, Landseer and others.

Each set contains 20 sheets, 9x12 inches, with designs printed on the white reverse side of black silhouette paper. In an attractive envelope.

No. 8052. Per set\$0.45
Postage 6c

IDEAL MAGIC WATER COLORS



These are the water color books used by artists for decorating Christmas cards.

The sheets are heavily coated with highly concentrated colors and are put up in book form, 12 colors to a book. The sheets are fastened together in such a way that all colors may be open for use at one time. The brush is moistened in water and rubbed on the paper, producing a much better paint than when cakes are used.

No. 5000. Per book 12 colors\$0.20
Postage 2c

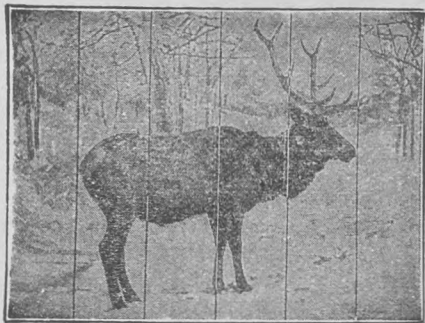
JOINTED ANIMALS



The animals in the set are: The Monkey, Lion, Giraffe, Camel, Rhinoceros, Kangaroo, Fox, Horse, Cow and Sheep. Printed on a good quality of cardboard, stiff enough to stand alone, size 7x9, fasteners furnished with each set, which is put up in an attractive box.

No. 6050. Per set\$0.45
Postage 10c

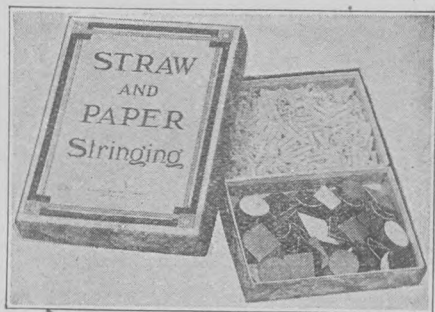
SECTIONAL ANIMALS AND BIRDS



Reproductions in natural colors of drawings from nature of 6 animals and 6 birds, finely printed on cardboard 7x9 inches and cut into strips one inch wide. The teacher may increase the difficulty of the occupation by cutting each strip into two or more parts. Each set in pasteboard box with colored label.

No. 8003. Set 6 Animals in box\$0.45
No. 8002. Set 6 Birds in box45
Postage each 10c

STRAWS AND PAPER FOR STRINGING



Our straws are the seamless wax paper straws which do not crack or break, and may be used many times. Papers for stringing are cut from engine paper, and of a variety of interesting shapes and colors.

No. 7020. An attractive partitioned box containing 500 straws and sufficient extra bright colored papers. 60c, postage 10c.

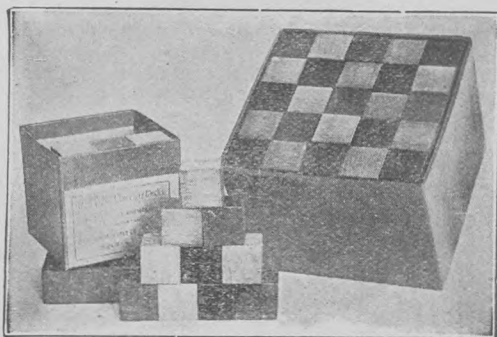
No. 315. 100 paper straws, $8\frac{1}{2}$ inches long, per pkg. 40c, postage 5c.

No. 317. 1,000 paper straws, $\frac{3}{4}$ inch long, per box, 80c, postage 6c.

No. 325. 1,000 colored paper forms, assorted squares, circles and diamonds, in an envelope, 40c, postage 3c.

For other papers for stringing, see Parquetry Papers.

CUBICAL COUNTING BLOCKS



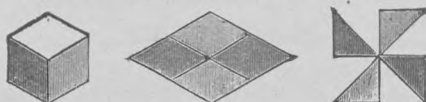
One inch cube blocks, made from carefully selected stock, furnished plain or in six standard colors. These blocks may be used to teach numbers, fractions or form and design.

No. 27C. 27 colored cubes in a box\$0.45
Postage .10

No. 100P. 100 plain cubes in a box 1.25
Postage .15

No. 100C. 100 colored cubes in a box 1.50
Postage .15

PARQUETRY BLOCKS

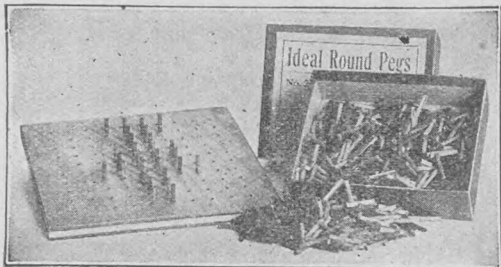


Wooden tablets, made in half squares and diamonds, and colored in 6 standard colors. With these blocks most artistic and instructive designs may be made. Put up in strong pasteboard boxes, each containing suggestive designs.

No. 700. 80 blocks\$0.30 Postage 6c

No. 701. 250 blocks55 Postage 10c

PEG BOARDS AND PEGS

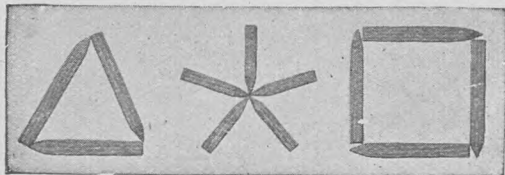


Our peg boards are made of 3-ply bass-wood, built up stock, thoroughly seasoned. Our finish requires three operations, all done by machinery. The color is cherry and the surface is very hard and smooth. The back is covered with a heavy paper to protect the desk and has very complete instructions for use. Each board is bored with 100 evenly spaced holes.

Our pegs are very carefully made and fine colored.

- No. 66. 6x6 inch board. Each 40c, postage 5c. Per dozen, \$3.95, postage 20c.
- No. 1010. 10x10 inch board, 3/16 inch holes 1 inch apart. Each 85c, postage 10c.
- No. 660. 1,000 small round colored pegs. Per box, 60c, postage 6c.
- No. 661. 144 beaded pegs for use with Peg Board No. 66. Per box 75c, postage 6c.
- No. 1050. 100 large round colored pegs. Per box, 40c, postage 6c.
- No. 665. 3,000 small square pegs, colored. Per box, 45c, postage 10c.
- No. 1055. 1,000 large square pegs, colored. Per box, 45c, postage 10c.

COLORED SHOE PEGS



The laying of shoe pegs in various forms and outlines is one of the most common and pleasing of primary school occupations. This occupation is made much more attractive and valuable by the use of our hardwood pegs in the six rainbow colors. The interest which children develop in expressing their ideas of form with ordinary pegs is greatly increased by the addition of the color element, and many beautiful and original designs are made possible by the use of colored pegs. They may also be used with the peg board.

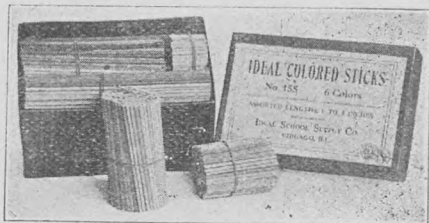
- No. 665. 3,000 pegs in box \$0.45, postage 10c

PLAIN STICKS

These sticks are furnished in the natural wood. 1,000 sticks in a package.

		Postage
No. 205P—5 inches long	\$0.65	10c
No. 204P—4 inches long	.60	8c
No. 203P—3 inches long	.55	7c
No. 202P—2 inches long	.50	5c
No. 201P—1 inch long	.45	4c
No. 155P—1 to 5 inches long, assorted	.50	8c

STICKS FOR LAYING



These sticks are used to teach numerical proportion and for form work before drawing has been attempted. The sticks are perfectly square and carefully cut in length.

COLORED STICKS

These sticks are beautifully colored in the six primary colors. 1,000 sticks in a package.

		Postage extra
No. 205. 5 inches long, 6 colors	\$0.70	10c
No. 204. 4 inches long, 6 colors	.65	8c
No. 203. 3 inches long, 6 colors	.60	7c
No. 202. 2 inches long, 6 colors	.55	5c
No. 201. 1 inch long, 6 colors	.45	4c
No. 155. Assorted lengths, 1 to 5 inches, in a strong pasteboard box, 6 colors. Price per box	.60	8c

WOODEN BEADS FOR STRINGING



1/2 inch beads, spheres, cubes, and cylinders in the six primary colors. A hole is bored through the centre to permit of stringing. An interesting and practical item.

- No. 740. 144 Assorted forms, 65c, postage extra 10c.
- No. 741. 144 Assorted spheres, 65c, postage extra 7c.
- No. 742. 1,000 Assorted forms in a strong pasteboard box, \$3.00, postage extra 20c.
- No. 743. 1,000 Assorted forms in a wooden box, \$4.50, postage extra 25c.

LARGE BEADS

1 inch beads, spheres, cubes, and cylinders in six primary colors. Bored with a 3/16 inch hole.

- No. 745. 144 Assorted forms in a wooden box, \$4.95, postage extra 25c.

LACES FOR BEAD STRINGING

Round black laces, 60 inches, metal tips, very strong and durable.

- No. 740L. Per dozen \$0.40, postage 3c

LARGE TYPE LETTER CARDS



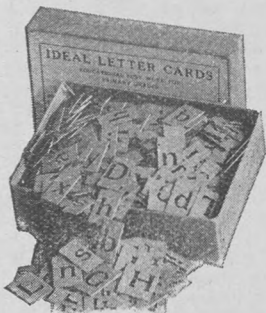
The cards are printed in a large bold face type on light gray, 6-ply, strong cardboard. The capitals are on cards 1 inch square and the small letters on cards $\frac{1}{2}$ x 1 inch. The large type and heavy board makes this a most satisfactory set for the use of the younger pupils. The thickness of the cardboard makes it easy to pick up a card and they will last much longer than the sets printed on lighter board.

Each set contains 382 assorted of both capitals and small letters, also punctuation marks. Put up in a neat, strong box.

No. 248. Per set\$0.45

Postage 7c

LETTER CARDS, IN BOXES



A careful assortment of capitals, small letters and punctuation marks for use in word making. Printed in large, clear type on a tough ticket board which is firmer and more durable than the board used in any other set. The letters are so cut as to form a word as it appears on the printed page, and not spread out as in many sets. The same letter is printed on both sides of the card.

No. 247. Per box\$0.25

Postage 3c

Per dozen boxes 2.50

Postage 20c

LETTER CARDS, IN STRIPS

I can run

Same as above, but printed on strips of colored cardboard $\frac{3}{4}$ of an inch wide; the letters are to be cut apart by the children.

No. 247S. Per set\$0.10

Postage 3c

Per dozen sets 1.00

Postage 10c

PRINT-SCRIPT WORD BUILDER



A set of letter cards printed in a modern, attractive type on heavy manila cardboard with the letters duplicated in medial script on the reverse side. Over 370 evenly cut cards in a strong, neat cardboard box.

No. 260. Per box\$0.30

Postage 4c

SENTENCE BUILDER IN BOXES



A carefully selected list of about 250 primer and first reader words, including duplicates, printed in first reader type on both sides of cardboard.

With this set of words most of the sentences given in the early part of any first reader may be built, as well as many original or dictated sentences. Of great value in fixing word forms in the pupil's mind. This set can be used to advantage following the Ideal Letter Cards or Ideal Phonic Word Builder.

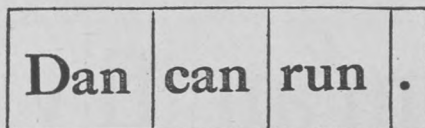
No. 245. Per box\$0.25

Postage 3c

Per dozen boxes 2.50

Postage 25c

SENTENCE BUILDER STRIPS



Ideal Sentence Builder in strips same as above, but printed on strips of colored cardboard, to be cut into single words by the pupil.

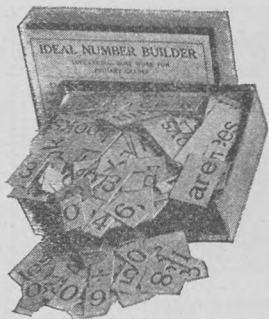
No. 245S. Per set\$0.10

Postage 3c

Per dozen sets 1.00

Postage 10c

NUMBER CARDS—IN BOXES



Figures and arithmetical signs for pupils' use in number building. The only set on the market with which any of the multiplication tables, 2's to 12's, can be built.

Printed on both sides of tough ticket board in bold, clear figures.

No. 244. Per box\$0.25

Postage 3c

Per dozen boxes 2.50

Postage 20c

NUMBER CARDS, IN STRIPS

$$3 + 5 = 8$$

Same as above, but printed on colored cardboard in strips to be cut apart by pupils.

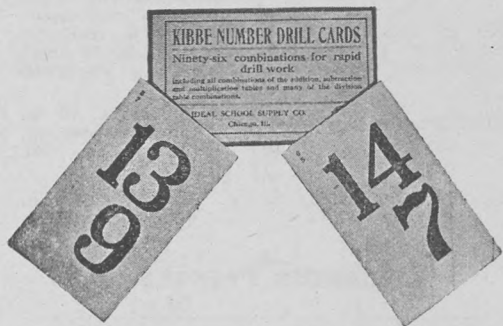
No. 244S. Per set\$0.10

Postage 3c

Per dozen sets 1.00

Postage 10c

KIBBE NUMBER DRILL CARDS



These cards are designed for "flash" or rapid drill exercises.

For accurate, rapid work in arithmetic which modern business demands, the common number facts must be made so familiar that their recall becomes immediate and unerring.

The Kibbe Number Drill Cards are the best possible device for accomplishing this result. Ninety-six two-number combinations are printed in type 1½ inches high on strong Manilla cards, 3x5 inches. These include all the combinations of the addition, subtraction and multiplication tables, and also many of the combinations of the division tables.

No. 256. Per set\$0.45

Postage 8c

LARGE TYPE NUMBER CARDS



A new set of Number Cards printed on heavy, tough, light gray cardboard in large bold faced type. The set comprises a large assortment of numbers with a good supply of arithmetical signs, over 275 cards one inch square, put up in a neat, strong box.

No. 249. Per set\$0.45 Postage 7c

ALPHABET AND NUMBER CARDS



ALPHABET CARDS ON SHEETS

Printed on heavy Tag Manilla and Colored Cardboard, each sheet containing over 400 letters and characters in large, heavy type, with guide lines for cutting. One side of sheet contains capitals, the other small letters. One sheet supplies the needs of one pupil. Made only in the regular "print" type—not in the script.

Price, per Sheet\$0.05

Price per Dozen Sheets55

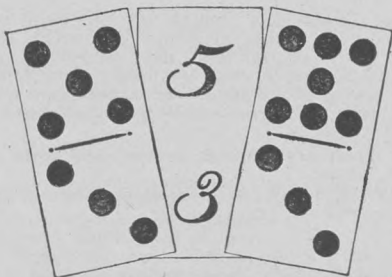
NUMBER CARDS ON SHEETS

Printed on Colored Bristol Board, each sheet containing over 400 numerals and signs in large, heavy type, with guide lines for cutting apart.

Price, per Sheet\$0.05

Price per Dozen Sheets55

PERCEPTION CARDS FOR NUMBER WORK

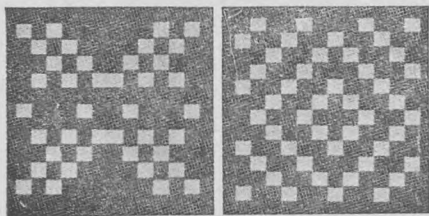


The set consists of 34 heavy manila cards, size 4½x9 inches. On one side of the card the domino designs are shown and on the reverse of each the same combination in numerals.

Printed in black ink with the domino dots one inch in diameter so that they may easily be seen from all parts of the room. There are 34 cards in the set, which contains all the number combinations from 1 to 10 and the digits from 1 to 9. In a strong cardboard box.

No. 235. Each\$0.75 Postage 10c

INDUSTRIAL WEAVING MATS STANDARD COLOR SERIES



A new series of mats made of tinted construction paper and using the six standard colors for the mats. With this new set brighter and more varied effects are obtainable. The mats are $6\frac{1}{2} \times 6\frac{1}{2}$ inches, the fringe slits are $\frac{1}{2}$ inch apart, 24 mats and 24 fringes are put up in a strong envelope. No needles required with these mats.

No. 128. 24 mats, 24 fringes, assorted, in an envelope \$0.45, postage 8c

INDUSTRIAL WEAVING MATS

Made of tinted construction paper. These mats, size 7x7 inches, are put up in strong envelopes, 25 mats all one color, cut with slits $\frac{1}{2}$ inch apart. The 25 fringes are solid, but printed to show the cutting line. The fringes are of assorted colors, which contrast with the mats. No needles are required with these mats.

No. 125. 25 gray mats, 25 fringes, assorted, in an envelope \$0.45, postage 10c

No. 126. 25 brown mats, 25 fringes, assorted in an envelope, \$0.45, postage 10c

WEAVING NEEDLES



These steel Weaving Needles are recommended for use with mats and fringes made of coated paper. The paper is held firmly, the weaving easily done, and the danger of tearing is much less.

No. 1300. Each \$0.08 Postage 2c

No. 1300. Per dozen75 Postage 4c

LINEN WEAVING MATS

These mats are made of an especially heavy linen cloth stiffened so that they retain their shape, and are so strong and durable that they may be used many times. These white mats are very attractive when woven with bright colored paper fringes or colored slats.

The mats are $6\frac{1}{2} \times 6\frac{1}{2}$ inches and slits are $\frac{1}{2}$ inch apart.

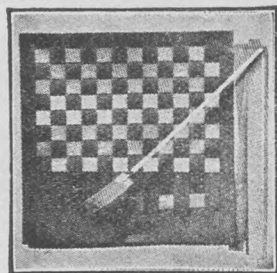
No. 129. 12 mats in an envelope \$0.90
Postage 3c

OILCLOTH WEAVING MATS

These mats are offered in response to a demand for a mat that beginners may use and that will not tear. Made of fine grade white oilcloth, 7x7 inches, $\frac{1}{2}$ inch slits, and are to be woven with wooden slats or weaving fringes. When used with either of these the effect is very pleasing and they may be used many times and are easily cleaned.

No. 127. 12 mats in a pkg. Per pkg. \$0.90
Postage 6c

COATED PAPER WEAVING MATS



Made of coated paper. Each package contains twelve mats and twelve fringes. Six standards, with tints and shades and gray.

Mats 7x7 Inches

	Price	Postage
No. 130. Slits, $\frac{1}{2}$ inch wide	35c	3c
No. 131. Slits, $\frac{1}{2}$ inch wide	35c	3c
No. 132. Slits, $\frac{1}{4}$ inch wide	35c	3c

Mats, $4\frac{3}{4} \times 4\frac{3}{4}$ Inches

No. 133. Slits, $\frac{1}{2}$ inch wide	25c	3c
No. 134. Slits, $\frac{1}{4}$ inch wide	25c	3c

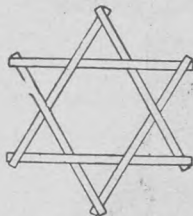
WEAVING MATS—GRADED SERIES

Each package contains 25 mats and 25 fringes, mats 4x4 inches. Six standard colors, with tints and shades and gray.

Price Postage

No. 135. Cut with 5 slits	40c	3c
No. 136. Cut with 6 slits	40c	3c
No. 137. Cut with 7 slits	40c	3c
No. 138. Cut with 8 slits	40c	3c
No. 139. Cut with 9 slits	40c	3c
No. 140. Cut with 10 slits	40c	3c

WEAVING SLATS



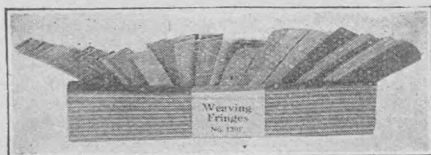
These slats are made of selected hardwood of even thickness and carefully cut to a uniform width. The colored slats are in the six standard colors.

No. 300. 100 slats, 10 in. long, hardwood, plain 35c

Postage 5c

No. 301. 100 slats, 10 in. long, hardwood, six colors 40c, postage 5c.

WEAVING FRINGES



The fringes are prepared for use with either linen or oilcloth mats. They are made of assorted standard colors of construction paper, cut into strips $7 \times \frac{1}{2}$ inches and may be used without a weaving needle.

No. 129F. 144 Assorted fringes, pkg. \$0.20
Postage 3c

RICHARD'S DRAWING STENCILS



The perforated outline serves as a guide only and the child is given much training in both imagination and drawing. Teachers will also find these very good for blackboard use as pictures and as an aid to language work.

A set consists of 10 stencils perforated in good strong paper 9x12 inches and may be used repeatedly.

- Set R1. Domestic Animals.
- Set R2. Wild Animals.
- Set R3. Birds.
- Set R4. Familiar Objects.
- Set R5. Flowers and Fruits.
- Set R6. Child Life.

Per set \$0.40 Postage 4c
3 for 1.00 Postage 10c

BUSY WORK STENCILS



Very simple outline pictures, perforated on bond paper, 5x6 inches, for making sewing cards, patterns for drawing or coloring, illustrated reading lessons, etc. Twenty designs in each set. The designs may be transferred many times to paper, cardboard or cloth. For transferring use Ideal Stamping Compound or Ideal Stamping Powder.

- Set 1. Flowers and Leaves.
- Set 2. Fruits and Vegetables.
- Set 3. Animals and Fish.
- Set 4. Birds and Butterflies.
- Set 5. Familiar Objects.
- Set 6. Sunbonnets and Overalls.
- Set 7. Indian and Eskimo.
- Set 8. Children and Brownies.
- Set 9. Thanksgiving and Christmas.

Per set 20c Postage 2c
3 for 50c Postage 6c

CLOCK DIALS



For use in teaching children to tell time. The hands are movable and the figures are plain Arabic numerals to correspond with clocks now in general use. On the back of the card is the story of the various methods formerly used to tell time, illustrations of instruments used and other interesting information for the teacher's use.

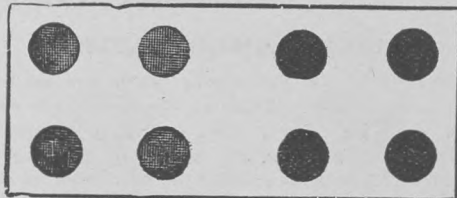
Printed on heavy serviceable cardboard.

No. C12. 12 inch dial, each \$0.40
Postage 10c

FOR PUPILS' USE

No. C4. 3 1/4 inch dial \$0.15
Postage 3c

IDEAL DOMINO CARDS



Cards in domino form make an attractive and useful method of drilling children upon the simplest number facts. Ideal Domino Cards contain all the combinations to 10, and may be used in a number of interesting ways both for oral and seat work with first or second grade children. Considerable oral drill suitable for third grade classes is also possible with them.

The full set of 34 dominoes is printed on a sheet of heavy manilla board 8x9 inches, to be cut up for use. On the envelope many suggestions for their successful use are given.

No. 254. Set of 12, in envelope \$0.30
Postage 7c

IDEAL GUMMED CIRCLES

For Making Domino Cards

In connection with the ideal Domino Cards the teacher can use large domino cards of her own making to great advantage. For this purpose we put up gummed circles one inch in diameter, cut from the six standard colors of coated paper.

Five hundred in strong envelope, assorted.

No. 80 Per envelope \$0.35
Postage 1c

IDEAL GUMMED DOTS



Ideal Gummed Dots are 1/4 inch in diameter, cut from gummed coated paper, in the six standard colors assorted.

Teachers find many uses for these gummed dots, among which is the making of cards for simple drill on number recognition and combination.

Five hundred assorted, in an envelope.

No. 81. 500 Assorted, in envelope \$0.25
Postage 1c

IDEAL GUMMED SQUARES

These squares are made to use with the Gummed Dots and are 1/4 inch in diameter. Cut from gummed coated paper, in the six standard colors assorted, five hundred in an envelope.

No. 82. Per envelope \$0.25
Postage 1c

IDEAL GUMMED STARS

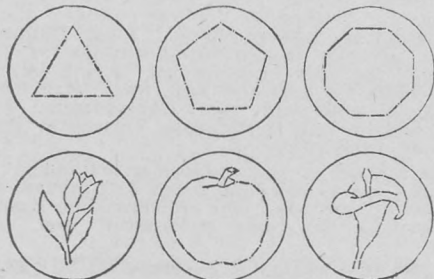
Gummed Stars cut from gummed coated paper, 1/2 inch, six standard colors assorted, five hundred in an envelope.

No. 83. 500 assorted, in envelope \$0.30
Postage 1c

Ideal Sewing Cards

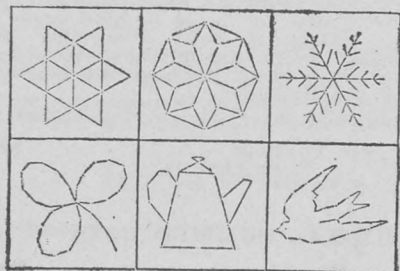
PRICKED SEWING CARDS

Our outline pricked sewing cards are made with simple and attractive designs, printed in a very light grey ink, on extra quality cardboard and carefully pricked. The assortment of designs is adapted to varied ages and the subjects well graded. Put up in extra strong boxes.



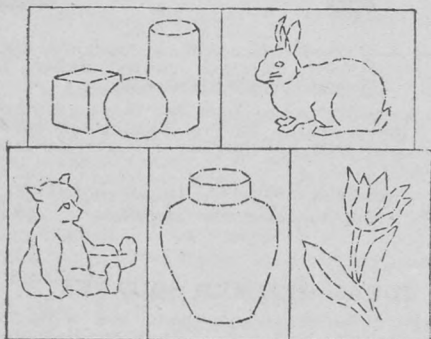
Set A—Circular cards, $3\frac{1}{4}$ inches diameter. Assorted designs. 100 cards in a box.

Set A. Per box\$0.75 Postage 10c



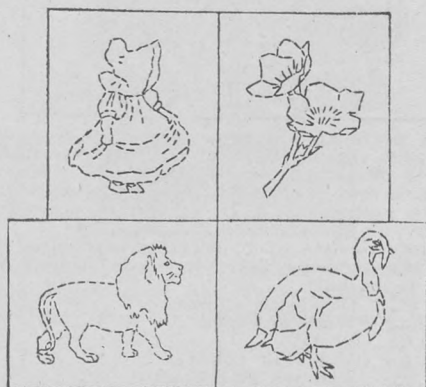
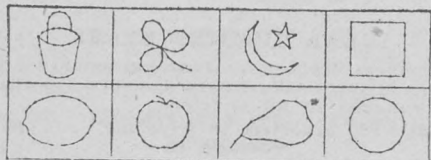
Set B—Cards $3\frac{1}{4}$ inches square. Assorted designs. 100 cards in a box.

Set B. Per box\$0.75 Postage 10c



Set C—Cards $4 \times 5\frac{1}{2}$ inches. Assorted designs. 100 cards in a box.

Set C. Per box\$1.25 Postage 15c

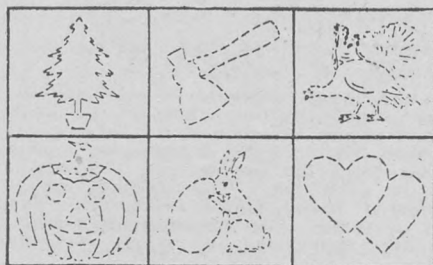


Set D—Cards $5\frac{1}{2} \times 7\frac{1}{2}$ inches. Assorted designs. 100 cards in a box.

Set D. Per box\$1.75 Postage 15c

OUR HOLIDAYS

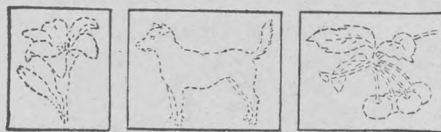
For Sewing and Coloring



A new set of 12 pricked sewing cards, which make souvenirs for Hallowe'en, Thanksgiving, Christmas, St. Valentine's Day, Easter, printed on cardboard $5\frac{1}{2} \times 5\frac{1}{2}$ inches, 12 different designs, in an envelope.

Set H. Per set\$0.40 Postage 3c

IDEAL SEWING CARDS



The biggest value ever offered and a very handsome series. Size $5\frac{1}{2} \times 9$ inches.

Fifty designs in a set, simple in outline, interesting in subject, and correct in design. Printed on heavy, firm board, they are easy to handle. The outlines are made up of a succession of dashes, the spaces between indicating the points to be pricked for sewing. The set containing so large a number of designs affords an unusual amount of material for the cost. These cards will please any primary teacher, both in quality and price.

Set I. Per set 50 designs, 2 designs on a sheet, in envelope with directions.
Price 35c, postage 8c

PUNCHED SEWING CARDS

These cards are for coarse sewing by beginners and have holes punched through. Printed in outline on cards $4 \times 5\frac{1}{2}$ inches, 16 designs and 100 cards in a box.

Set P. Per box \$1.75, postage 15c

PERFORATOR

With blank cards and a perforator a teacher may duplicate designs of which she wants many copies or make cards from designs of her own. In this way the sewing exercise may be linked up with the reading and language lessons.

The Ideal Perforator is a well made machine which punches a small clean hole. Several cards can be punched at once.

No. 456. Each\$6.00

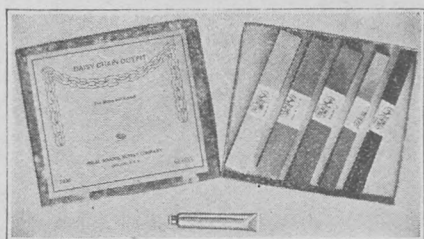
Postage 20c

BLANK SEWING CARDS

Cut from good quality White Bristol Board

Size		Price	Postage
4x4	Per 100 sheets	\$0.30	5c
4x5½	" " "	0.40	10c
5x5	" " "	0.40	15c
5x6½	" " "	0.45	15c
7x5½	" " "	0.60	15c
6x6	" " "	0.70	20c
8x8	" " "	1.30	20c

DAISY CHAIN OUTFIT



This set contains 5 pkgs. colored paper in ½ in. and ¾ in. widths and 5 in. long. 100 pieces to the pkg. There are 2 pkgs. assorted colors, 2 pkgs. Red, White and Blue, and 1 pkg. Red and Green.

No. 7030. Per box\$0.50

Postage 7c

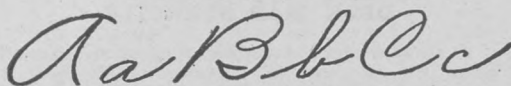
PAPER STRIPS FOR LACING,
WEAVING AND DAISY CHAINS

This is the same grade of paper and the same assortment of colors as in our Folding Paper, 100 pieces in a package.

No. 815. ½ in. wide, 20 in. long, assorted 20 colors. Per pkg. 20c, postage 3c.

No. 816. 1 in. wide, 20 in. long assorted 20 colors. Per pkg. 25c, postage 5c.

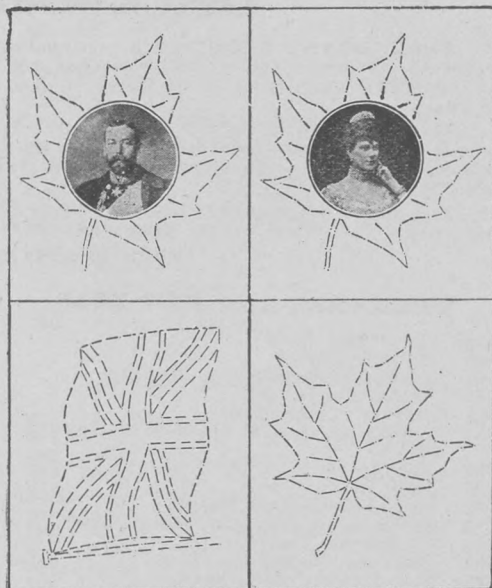
IDEAL ALPHABET COPY SLIPS



A copy slip containing the entire alphabet, both capitals and small letters, numerals and punctuation marks, in beautiful, clear script. To be placed before children learning to write, as a reference card of correct forms. Printed on heavy manila paper, 9½x2 in.

Per set of 12\$0.15

CANADIAN SEWING CARDS



These are intended to meet the demand for distinctly Canadian cards of a patriotic nature. There are four designs—half-tone productions of King George and Queen Mary, surrounded by Maple Leaf and ribbon design. Are outlined and pricked ready for sewing.

No. 193E—100 cards, assorted, 4 designs, \$1.75

No. 193EX—12 Cards, assorted, 4 designs, .25

ALPHABET STENCILS

For making mottoes, signs, etc. May be used on paper or blackboard.

No. AS10. Old English, capitals and small letters, 8 inches high, per set\$0.35

No. AS11. Script, medial slant, capitals and small letters, 5 inches high, per set\$0.35

Postpaid

STAMPING POWDER

For transferring Busy Work and Desk Map Stencils. In package containing a sufficient quantity for many designs.

Per package\$0.20

Postage 2c

CHALK DUST

Now that most schools use dustless chalk teachers will find this a most convenient device with which to transfer patterns to the blackboard. The chalk is in a container ready for use. Also instructions for using.

No. 15\$0.20

Blackboard Stencils

BLACKBOARD STENCILS are prepared for the teacher who desires an outline pattern made by an artist and of subjects that are artistic, decorative and educational. They are all carefully made and when lined in and colored by the teacher, make very beautiful pictures.

We list below a varied assortment of subjects suitable for all grades, subjects and occasions. They are perfectly made, on an exceptionally high grade paper, and may be used many times. The workmanship is the best and this series is unquestionably the best obtainable.

The sizes vary somewhat, according to the subject, but all are large and make attractive pictures. The price is the same regardless of size.

Price, 10 cents each; 6 for 50 cents.

CHRISTMAS AND NEW YEAR

- 519. Christmas Bells.
- 560. Holly Border.
- 561. Mistletoe Border.
- 562. Poinsettia Border.
- 379. "Merry Christmas"
- 381. "Peace on Earth, Good Will Toward Men."
- 380. "Happy New Year."
- 700. Jolly Santa Claus.
- 701. Santa Claus and Sleigh.
- 702. Bringing in the Christmas Tree.
- 703. Christmas Tree.
- 704. Dancing 'Round the Tree.
- 708. The Little Santa Claus.
- 711. Holly, Ribbon and Bells.
- 712. Holly Wreath, 18 inches.
- 713. Santa Claus and Holly Border, 12 inches.
- 714. Santa Claus Dancing.
- 715. Santa Claus Going Down Chimney.
- 716. Running Santa Claus.
- 528. Boys Making Snowman.

PHYSIOLOGY

- 450. Skeleton.
- 452. Teeth.
- 453. Eye.
- 454. Ear.
- 455. Lungs.
- 456. Heart and Section.
- 457. Circulation.
- 458. Organs of Digestion.

GEOGRAPHICAL AND HISTORICAL

- 200. Lighthouse.
- 201. Iceberg.
- 202. Volcano.
- 203. Geysir.
- 204. Chinese Carrying Load.
- 205. Japanese Jinrikisha.
- 250. Old Spinning Wheel.
- 251. First Locomotive.
- 252. Modern Locomotive.
- 253. First Steamboat.
- 265. Submarine.
- 266. Aeroplane.
- 269. Dreadnaught.

THANKSGIVING



- 510. Turkey Border.
- 515. Pumpkin and Corn Border.
- 650. Cornfield and Pumpkins.
- 562. Proud Mr. Turkey, 24-inch.
- 655. Feeding Mr. Turkey.



516. Jolly Dutch Children Border

HALLOW'EEN

- 684. Witch and Cauldron.
- 680. Owl and Cat Border.
- 681. Making Jack o' Lanterns.
- 682. Jack o' Lantern Border.
- 683. Flying Witch Border.

VALENTINE AND EASTER

- 563. Heart and Ribbon Border.
- 800. Valentine Calendar.
- 559. Easter Lilies Border.
- 507. Hen and Chicks Border.
- 820. Little Chicks Border.
- 544. Running Rabbits Border.
- 51. Old Hen and Chicks.
- 514. Rabbit Head Border.
- 821.. Group of Rabbits.
- 825. Rabbits and Eggs..

PATRIOTIC AND MEMORIAL

- 1000. Union Jack.
- 1001. Boy Holding Union Jack.
- 1002. Girl Holding Union Jack.
- 1003. Canadian Ensign.
- 1004. King George.
- 1005. Queen Mary.

EIGHT-INCH BORDERS

- 685. Cathead Border.
- 520. Shamrock Border.
- 521. Butterfly and Ribbon Border.
- 540. Dutch Children.
- 541. Overall Boys.
- 542. Sunbonnet Babies.
- 546. Chicks and Worm.
- 549. Wild Rose Border.
- 550. Apple Blossom.
- 551. Pond Lily Border.
- 552. Poppy Border.
- 553. Grape Vine Border.
- 554. Daffodil Border.
- 564. Oak and Acorn.
- 557. Daisy Border.

DESK MAP STENCILS

A new series of outline maps in stencil form for the use of schools which do not care to buy the printed maps. The stencils are cut for use on 9x12 inch paper and may be used hundreds of times. The set contains: World, North America, South America, Europe, Asia, Africa, Australia, and Canada.

Set of 8 Stencils in Envelope, 40c

3 sets for \$1.00.

Blackboard Stencils—Cont'd

When ordering Stencils always mention second choices to save time in case some lines are out of stock.

Each 10c; 6 for 50c.

TWELVE-INCH BORDERS



- 501. Dutch Children and Landscape.
- 502. Greenaway Babies.
- 503. Children Sliding
- 500. Brownies.
- 504. Sunbonnet Babies.
- 505. Overall Boys.
- 506. Barnyard Parade.
- 508. Grapes and Vine.
- 511. Tulip Border.
- 512. Cattail Border.
- 566. Maple Leaves.
- 516. Jolly Dutch Children.
- 513. Flying Birds.
- 518. Dutch Windmills.
- 517. Milkmaids Border.

FLAGS

- 860. United States.
- 861. Great Britain.
- 864. France.
- 866. Italy.
- 870. Japan.
- 871. China.
- 876. Canada.
- 872. Belgium.

ANIMALS, BIRDS, ETC.

- | | |
|---------------|-----------------|
| 1. Cat. | 13. Elephant. |
| 2. Cow. | 19. Bear. |
| 3. Horse. | 33. Polar Bear. |
| 5. Sheep. | 52. Turkey. |
| 6. Pig. | 53. Duck. |
| 7. Donkey. | 54. Goose. |
| 8. Dog. | 63. Eagle. |
| 9. Rabbit. | 66. Ostrich. |
| 10. Squirrel. | |

FLOWERS, FRUITS, ETC.

- | | |
|------------------|------------------------|
| 100. Tulips. | 105. Easter Lilies. |
| 109. Daisies. | 113. Chrysanthemum. |
| 110. Dandelions. | 115. Nasturtium. |
| 111. Goldenrod. | 120. Apple Blossoms |
| 114. Hollyhock. | 121. Fleur de Lis. |
| 117. Poinsettia. | 150. Maple Leaves. |
| 118. Poppies. | 156. Apples on Branch. |
| 119. Cattails. | 157. Cotton Plant. |
| 122. Thistle. | 159. Coffee Plant. |
| 153. Sugar Cane. | 163. Banana Tree. |
| 160. Tea Plant. | |

INDIAN AND ESKIMO

- 400. Group of Wigwams.
- 401. Indian in Canoe.
- 406. Warriors.
- 407. Hiawatha and Nokomis.
- 408. Boy Hiawatha.
- 409. Shooting the Red Deer.
- 410. Hiawatha and Minnehaha.
- 411. Picture Writing.
- 425. Eskimo House.
- 426. Sled and Dogs.
- 428. Eskimo in Kayak.
- 429. Hunting Polar Bear.
- 430. Eskimo Children.

HOLIDAY CALENDARS

- 620. September, Labor Day.
- 621. October, Hallowe'en.
- 622. November, Thanksgiving.
- 623. December, Christmas.
- 624. January, New Year.
- 625. February, Valentine Day.
- 626. March, St. Patrick's Day.
- 627. April, Easter.
- 628. May, Victoria Day.
- 629. June, Flag Day.

CHILD LIFE CALENDARS

- 600. Sept., School Again.
- 601. Oct., Jack o' Lantern.
- 602. Nov., Little Puritans.
- 603. Dec., Night Before Christmas.
- 604. Jan., The Snow Man.
- 605. Feb., Dutch Children Skating.
- 606. March, The First Flowers.
- 607. April, Under the Umbrella.
- 608. May, In the Garden.
- 609. June, The Rose Queen.

NATURE CALENDARS

- 610. Sept., Golden Rod.
- 611. Oct., Autumn Leaves and Chrysanthemums.
- 612. Nov., Corn, Pumpkin and Flying Birds.
- 613. Dec., Landscape and Poinsettia.
- 614. Jan., The Deserted Bird House.
- 615. Feb., Icicles.
- 616. March, Dandelion and Pussy Willow.
- 617. April, Tulips and Rabbits.
- 618. May, Violets.
- 619. June, Roses and Bees.

LETTERED DESIGNS

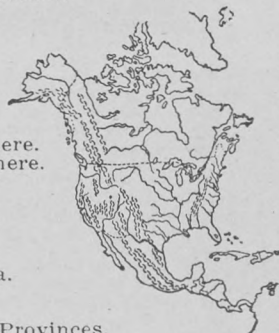


- 375. Program.
- 376. Roll of Honor.
- 377. Perfect Attendance.
- 378. Welcome.

MAP STENCILS

Price, each 15c; 4 for 50c.
24x36 inches.

- 900. North America.
- 902. South America.
- 904. Europe.
- 906. Asia.
- 908. Africa.
- 910. Australia.
- 912. Eastern Hemisphere.
- 914. Western Hemisphere.
- 916. United States.
- 924. British Isles.
- 936. World-Mercator.
- 933. Canada.
- 981. Alberta.
- 982. British Columbia.
- 983. Saskatchewan.
- 984. Manitoba.
- 988. Three Western Provinces.



IDEAL MERIT CARDS



These may be given for meritorious work of any kind. When five are received, exchange them for a Five Merit Card. The Five Merit Cards are exchanged similarly for a Twenty-Five Merit Card, and these in turn for a One Hundred Merit Card. These may be exchanged for a Certificate of Honor, 6½x8 inches, very neat, and having spaces for pupil's name, date, teacher's name, etc.

- One Merit Card. Per doz., 10c; per 100, 60c
- Five Merit Card. Per doz., 15c; per 100, 80c
- Twenty-five Merit Card. Per dozen 35c
- One Hundred Merit Card. Per dozen 55c
- Certificate of Honor, each 10c; per dozen, 55c
- "Good," "Perfect" and "On Time"
Cards. Per doz. 20c

THE "REQUISITE"
NATURE STUDY BOX

This Nature Study Box is English made, compactly arranged to slip into pocket or handbag. Very well suited to class work. Outdoor students appreciate its compactness. It contains:

Contains:—

- 1 Powerful Microscope, folding in nickelled cover.
- 1 Dissecting Needle.
- 1 Special Knife.
- 1 Glass Tablet.
- 1 Pair Tweezers.
- 1 Note Book, ruled and plain, for Writing and Sketching.
- 1 Compartment with cork strip for keeping Specimens.

Price Complete, 95c

PRACTICAL PROJECTS IN THE
KINDERGARTEN



Project work interests children because they are doing real things like grown-ups. They produce with their hands something worth while and in which they take an intense interest.

In this new book Miss Holm describes in detail the working out of seven big and interesting projects. The book is illustrated with fourteen full page half-tone reproductions.

Printed in large clear type on plate paper and bound in stiff cardboard covers.

Price 70c, postage 3c

PAPER DOLL OUTFITS



Warranted to please any little girl and to give her many hours of enjoyment. The dolls are very pretty (their legs and arms are adjustable and their coloring natural), and the material contained in the outfits will provide many costumes for them.

No. 34—This, the smaller outfit, contains three paper dolls, plain crepe paper and crepe paper printed with dresses and hats, white paper for dress forms and a circular of patterns and directions. Each\$0.75

No. 33—Contains three dolls, dress, hat and legging forms, crepe paper printed with dresses and hats, plain crepe papers, plain tissue papers, trimmings of lace and stars, tube of paste and circular of patterns and directions. Price, each\$1.00

ART STENCILS



Instructive Educational Entertaining

- No. 12—Flowers
- No. 16—Birds.
- No. 10—Animals
- No. 30—Numbers
- No. 14—Conventional Designs.

Price per box\$0.50

EDUCATIONAL TOY MONEY



This box of educational toy money contains more than 170 pieces with a value of more than \$290.00. The coins are made of tough cardboard and are printed upon both sides. The box contains eight trays for the proper assorting of the denominations. The box has a specially designed cover and is strong and durable.

No. 5500. Per box\$0.50

Postage 8c

EDUCATIONAL COINS AND BILLS

This box is the same as No. 5500 but also contains currency or bills to the value of \$468.00.

No. 5501. Per box\$0.75

Postage 10c

EDUCATIONAL TOY BILLS

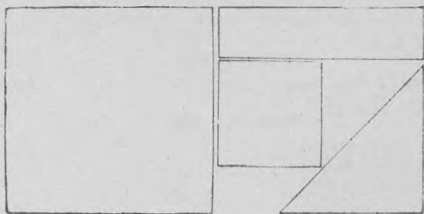


A strong, durable envelope contains thirty bills with a value of \$468.00.

No. 5502. Per envelope\$0.15

Postage 2c

FRACTIONAL TABLETS



The teaching of fractions will be greatly simplified by the use of this set of cardboard tablets and a set for the use of each pupil is recommended.

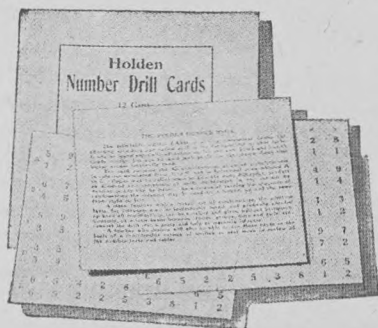
A 4x4-inch cardboard tablet represents the basic unit from which fractions are formed. Each set also contains ten study cards upon which the fractional forms are printed so that the pupil may study these before attempting to assemble the parts. Ten other tablets divided into various rectangles, squares and right angle triangles may be assembled to form the complete original 4x4 unit, the equal fractional parts which represent halves, thirds, quarters, sixths, eighths and sixteenths.

The tablets are made of extra heavy tough cardboard, accurately cut. In a neat, strong box, with suggestions for use.

No. 259. Per box\$0.50

Postage 7c

THE HOLDEN NUMBER DRILL



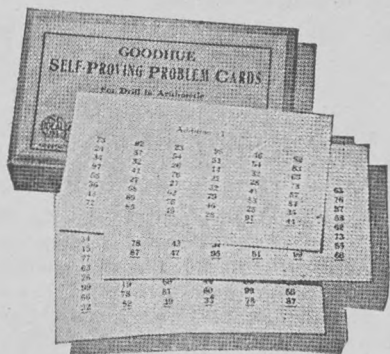
The Holden Drill Card is a very convenient device for affording abundant and varied drill in the fundamental number facts. It will be found especially advantageous for use with Third and Fourth grade classes.

Each card contains the 45 combinations promiscuously arranged in columns and so keyed that the work may be varied. This set of cards is especially adapted to speed drills and contests between individuals and groups.

A set consists of twelve cards printed in plain type on high grade manilla, 3 3/4 x 4 1/4 inches, in an envelope with full directions for use.

No. 258. Per set\$0.35

Postage 3c

GOODHUE
SELF-PROVING PROBLEM CARDS

The purpose of this set of drill cards is to supply abundant material for practice in Addition, Subtraction, Multiplication and Division, simple enough to avoid discouragement and comprehensive enough to cover all the difficulties in these operations.

The self-proving feature makes these cards of special value to both teacher and class. Each card has a different set of problems. There can be no copying or exchanging of results. When the papers are inspected by the teacher, a glance at each problem is sufficient to determine its correctness.

There are 100 cards, printed on strong manila, 3x5 inches, with full directions for teachers' use. In a neat box.

No. 257. Per set\$0.90

Postage 10c

Better Speech Series

Practice and Drill Cards

By Lincoln P. Goodhue, Principal Holden School, Chicago

The four sets of exercises included in this "Better Speech" series have been constructed for the express purpose of providing interesting drill upon—

1. Those forms and expressions most frequently misused.
2. The most common errors in oral speech.
3. An extended and enriched vocabulary.

The scope of these exercises and the method of presentation are such as to permit their use supplementary to any series of textbooks in English.

LANGUAGE CARDS

Set 1—Grades Three and Four



Fifty separate exercises, which may be either oral or written, comprises the series, each covering some weak point or common error in the use of English, including the simpler irregular verbs, homonyms and commonly misused words.

This set consists of fifty 3½x6-inch cards of strong manila, put up in a neat box and with full directions for use.

No. 250. Per set\$0.65
Postage 10c

LANGUAGE CARDS

Set 2—Grades Four and Five

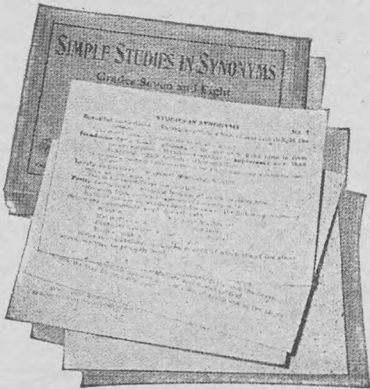
Continuing the work of Set 1, the fifty exercises comprised in Set 2 include some of the more difficult homonyms; studies of many words often used wrongly; choice of words for definiteness and smoothness of expression; difficult plurals and the irregular verb forms commonly misused.

No. 251. Per set\$0.65
Postage 10c



SIMPLE STUDIES IN SYNONYMS

Grades Seven and Eight



Many children, especially those of foreign birth or parentage, have a very limited vocabulary. These studies lead the children pleasantly into an appreciation of the nice differences in meaning and the careful selection of words that mark the works of the best writers and distinguish the speech of the cultured from that of the ignorant.

Full directions for the use of the cards accompany each set. A set consists of 50 strong manila cards 4½x6 inches, put up in a neat box.

No. 253. Per set\$0.65
Postage 10c

EXERCISES IN ORAL SPEECH

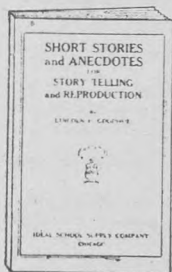
Grades Six and Seven

Oral or spoken language presents difficulties not met with in written language, difficulties of pronunciation, articulation and enunciation. It is to correct such conditions as these that the Exercises in Oral Speech were especially prepared.

A set consists of 42 cards, 4½x6 inches, printed in clear type on strong manila and put up in a box with full directions for use.

No. 252. Per set\$0.65
Postage 10c

SHORT STORIES AND ANECDOTES FOR STORY TELLING AND REPRODUCTION



Collected and arranged by Lincoln P. Goodhue, author of Sensible Seat Work.

In this book will be found a most interesting and instructive collection of stories and anecdotes selected and arranged for use in primary grades. They are grouped under such headings as: Nature Stories, Animal Stories, Stories from History, Legends and Fables, etc.

There are stories for the teacher to read or tell, and the children to reproduce as written or oral exercises. The selections are varied and will prove very interesting and may be linked with the language work in a most profitable way.

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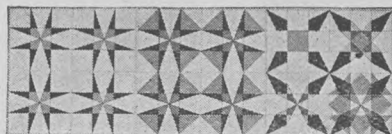
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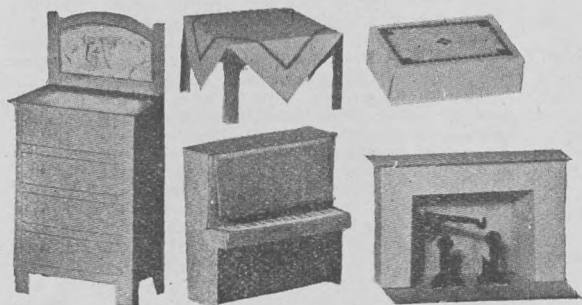
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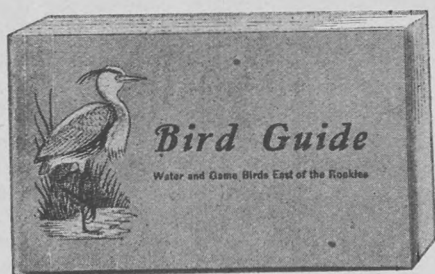
trees, also a complete set of furniture for three or four rooms, including a piano, phonograph, and fireplace. The general objects described include boxes, calendar, stands, pinwheels, Christmas and Hallowe'en decorations, stars, drinking cups, etc., in fact all the items children like to make, but which many teachers do not know the best way to produce.

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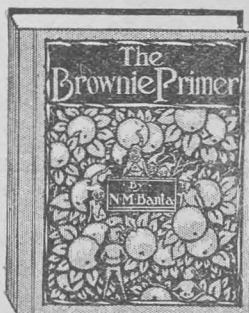
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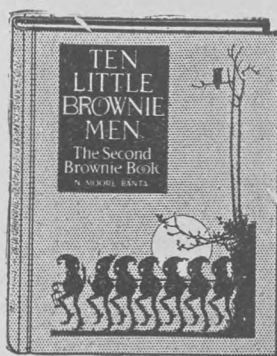
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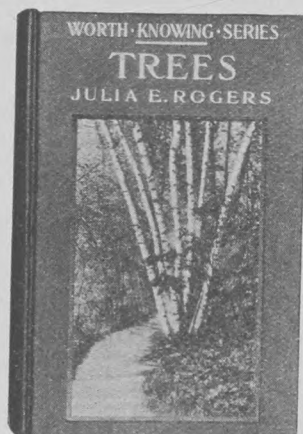
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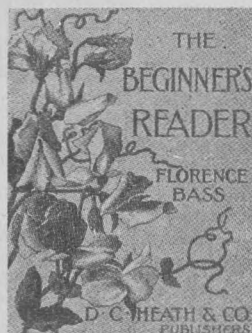
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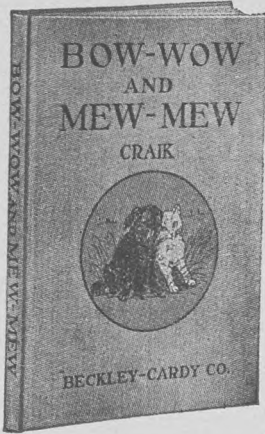


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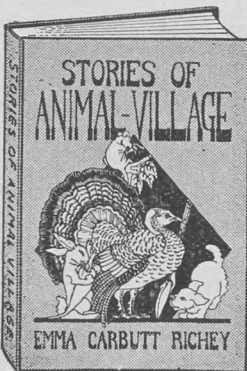
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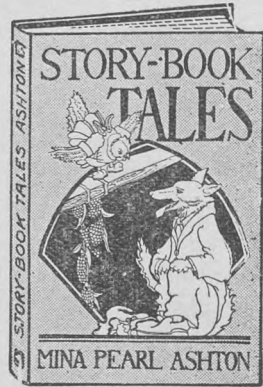


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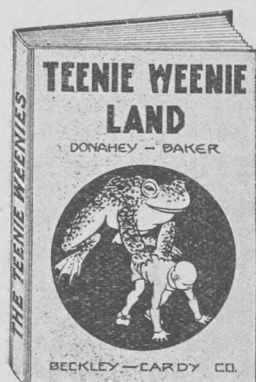
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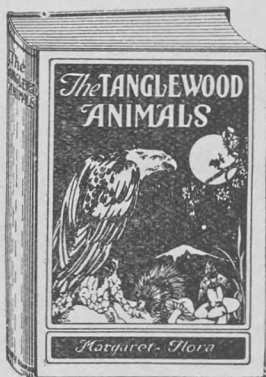
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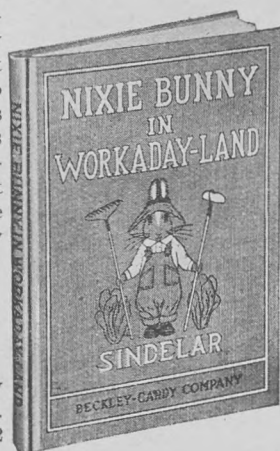
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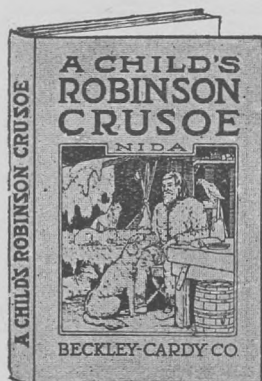
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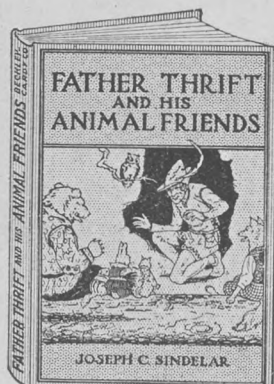
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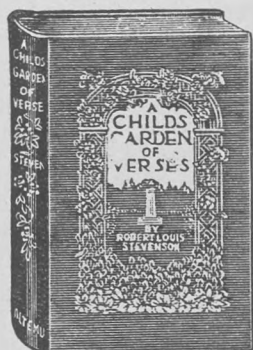
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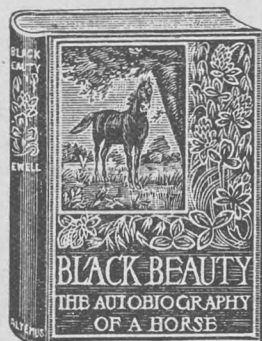


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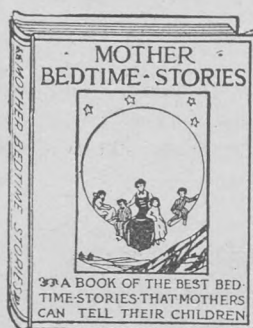
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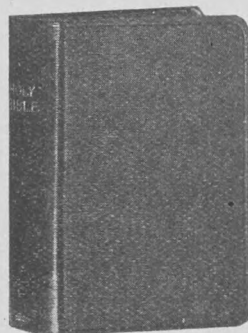
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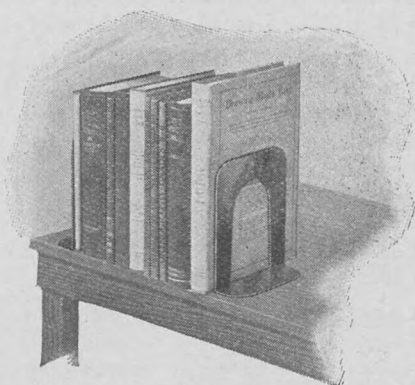
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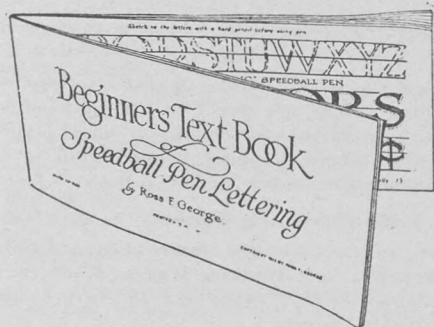
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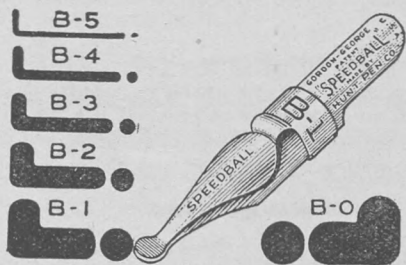
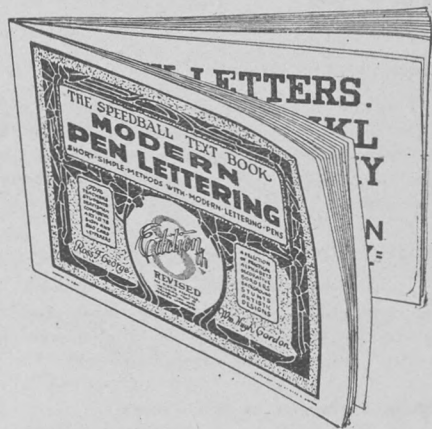
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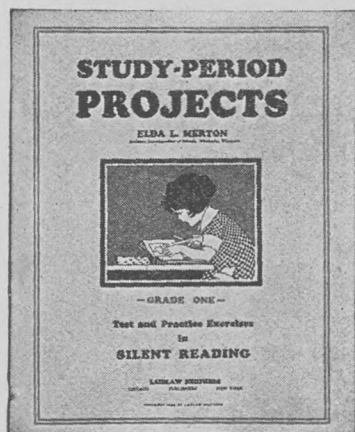
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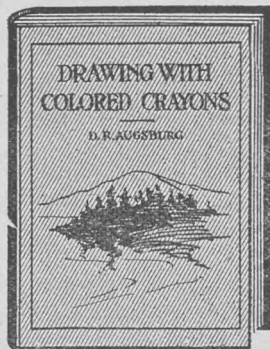
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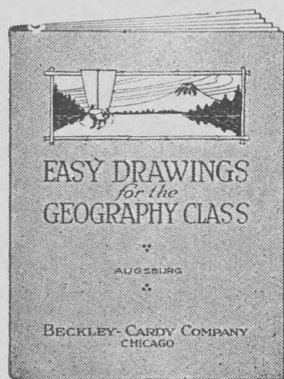
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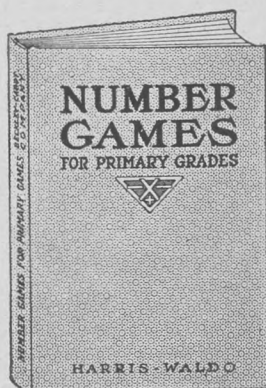
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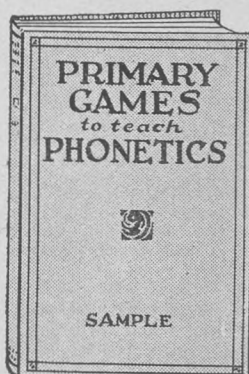
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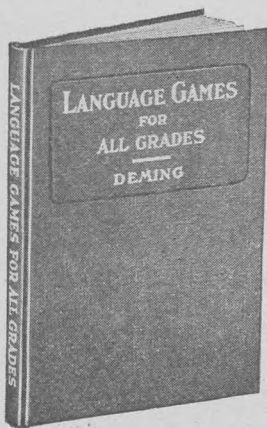
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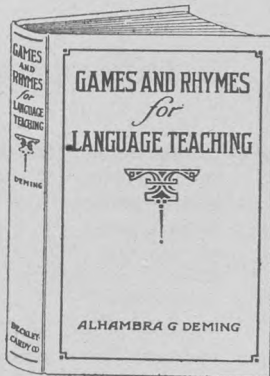


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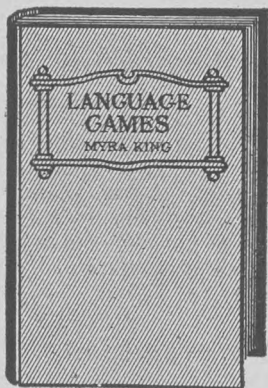
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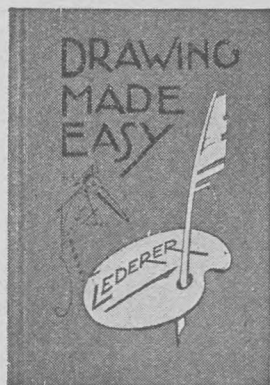


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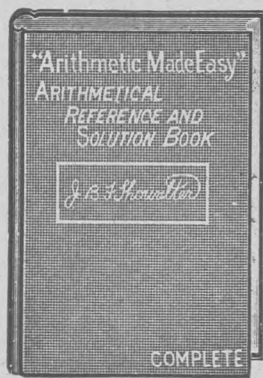


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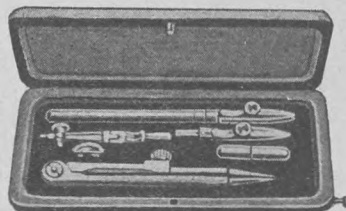
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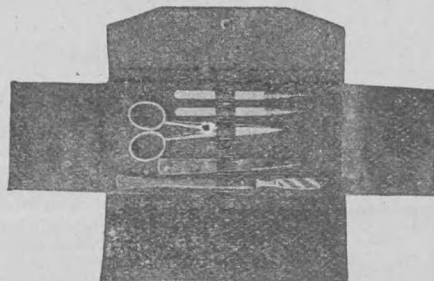


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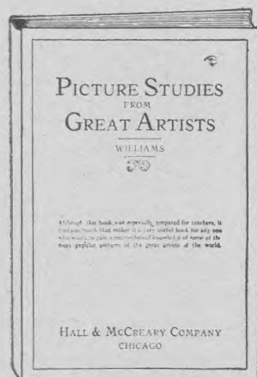
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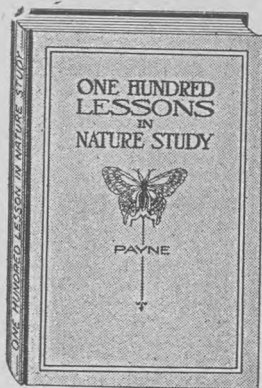
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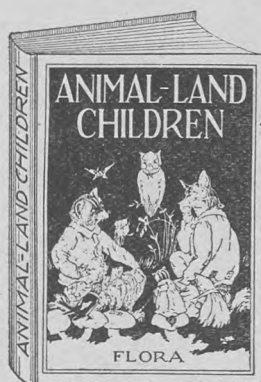
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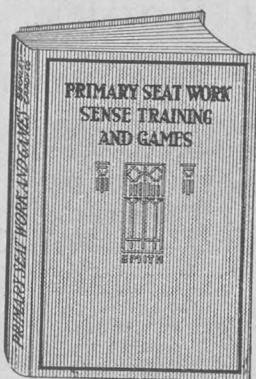
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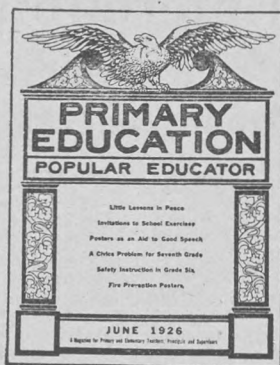
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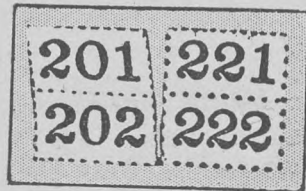


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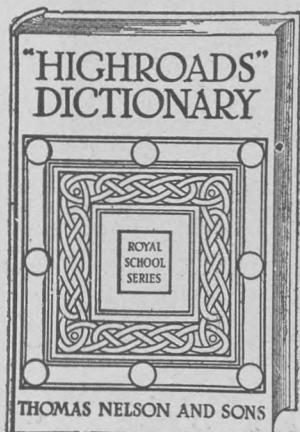
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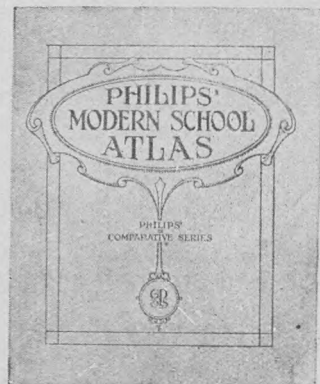
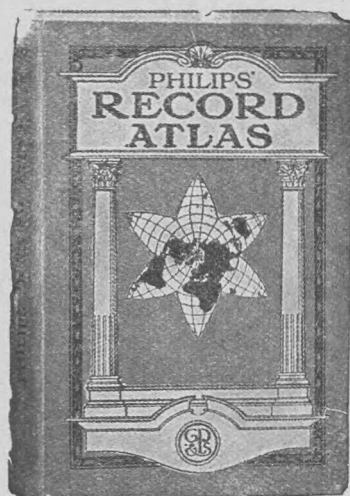
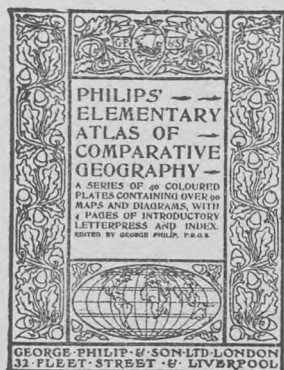
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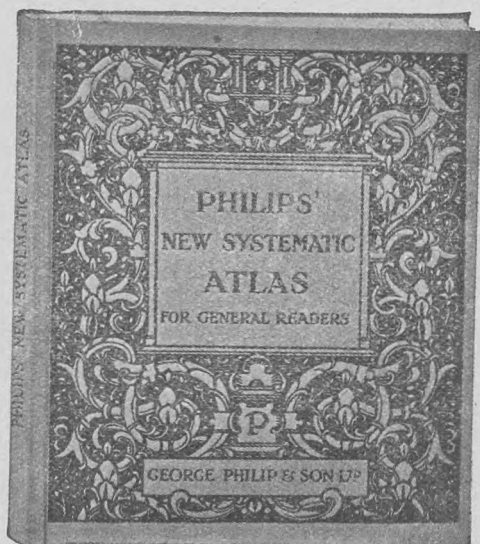
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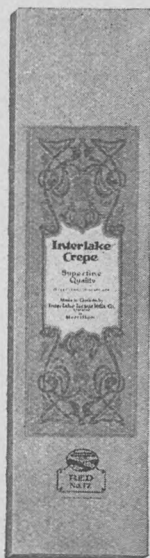
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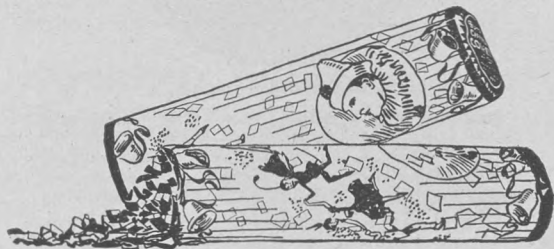
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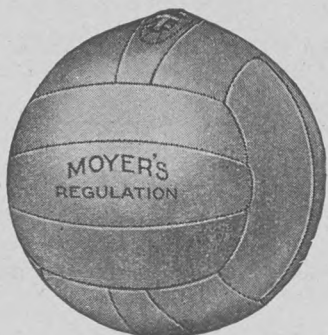
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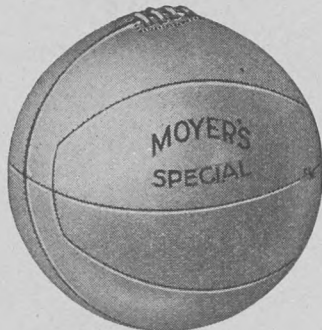
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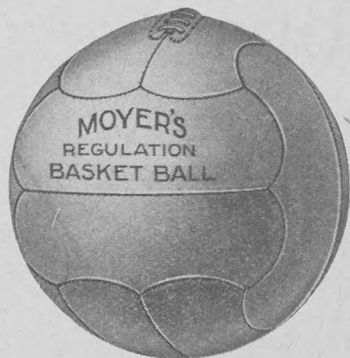
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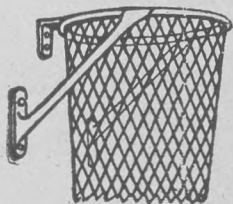
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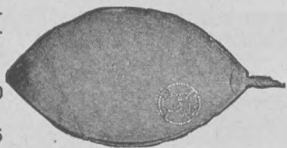
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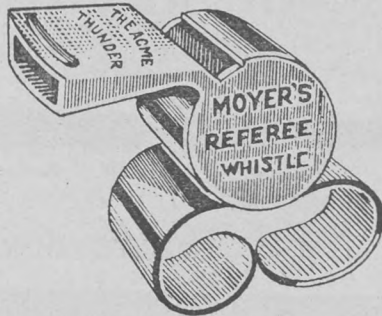
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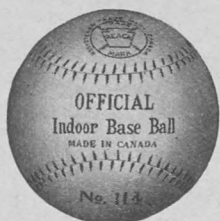
No. 112—Indoor or Playground Ball, cowhide cover, inseam, 12 inch, each 1.50

No. 10-H—Indoor or Playground Ball, Cowhide Cover, inseam, 10 inch, each 1.25

No. FW-14—Indoor or Playground Ball, cowhide cover, inseam, 14 inch, each 1.00

No. FW-12—Similar to above, 12 inch, each75

No. 20B—Picnic Ball. A dandy for the price, each60



BASEBALL BATS



No. 105—"World's Series" Bat, FLAME BURNT FINISHED—TAPED HANDLE

No. 105—Fine quality second growth ash, oiled finish, cedar red color, spot burnt. $\frac{3}{4}$ Tape. Each \$1.75



No. 83B—"School League"

No. 83B — Boys' League, second growth ash, yellow stained, junior size. Each \$1.00

PLAYGROUND BATS



No. 0 — Official Soft Ball Bat. Burnt finish. Each \$1.50



No. 4 — Official Playground Bat. Yellow, oiled finish. Taped handle. Each \$1.25

Fielder's Gloves



FIELDER'S GLOVE

No. 4G—

Brown Leather. Youth's size glove. Palm leather lined with well formed pocket.

Each \$1.50
Postage 8c



FIELDER'S GLOVE

No. 10G—

Made of Black Tan Leather Palm leather lined. Duplicate model of higher grade.

Each \$2.50
Postage 8c



FIELDER'S GLOVE

No. 2GL—

Brown Tan Glove Leather. Full leather lining. Welted seams. The heel has medium padding, light weight padding in pocket. Wide little finger model.

League Model Laced, \$3.50
Postage 8c



FIELDER'S GLOVE

No. 9G—

Fine Brown Tan Leather. Laced at wrist. Welted Full leather palm lining. A very popular glove.

Each \$4.00
Postage 8c



FIELDER'S GLOVE

No. 00W—

Made of highest quality, specially tanned Cream Horse Hide. Full leather lined. Leather bound. Welted seams. Laced Wrist. Permits adjustment of padding.

Champion Model \$5.00
Postage 15c



FIELDER'S GLOVE

New No. 02—

Selected Brown Reaco Leather. Full leather lining. Laced at wrist. Leather bound and welted. A model approved by good players everywhere.

Each \$6.00
Postage 15c



The Reach "Official" American League Ball

Baseball Supplies

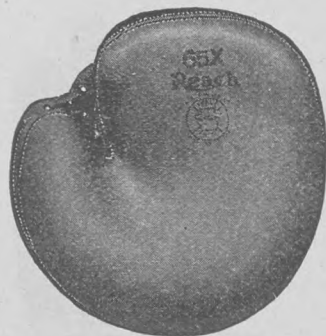
THE CORK CENTRE BALL

USED EXCLUSIVELY BY THE
AMERICAN LEAGUE

No. O. Official American League, each \$2.00
Postage 6c

The individual quality of this ball is so well known to the entire Baseball World that detailed description is unnecessary. Exact conformity with official specifications makes it Official for all games. Guaranteed to last a full game of nine innings and give entire satisfaction.

Baseball Mitts

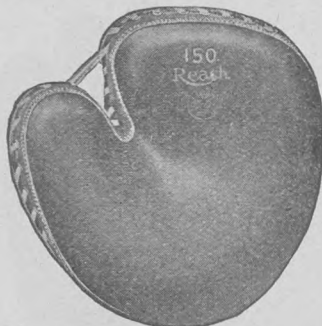


CATCHER'S MITT

No. 65X—

Tan Leather Face and Fingers, Khaki Back, Leatherette Strip. Strap and Buckle at Wrist. Lacing Adjustment at Thumb. Youths' size.

Junior Model \$1.50
Postage 15c

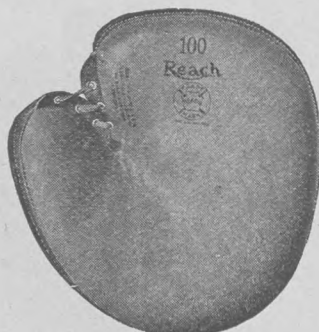


CATCHER'S MITT

No. 150—

Face and Fingers made of Wine Tan Mitten Leather. Brown Leather Back and Strip. Double stitched Strip. Leather laced. Strap and Buckle at Wrist. Well padded with deep Pocket. Full size Model

Club Model \$4.00
Postage 15c



CATCHER'S MITT

No. 100—

The face and back of this mitt is made from selected olive mitten leather, laced at thumb, strap and buckle fastening at wrist.

Price \$2.50
Postage 15c



CATCHER'S MITT

No. 31—

Professional Model. Moulded Face. Made entirely of Brown Tan Leather. Good Padding, leather laced.

Each \$7.00
Postage 15c

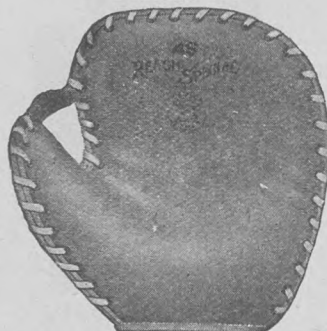


BASEBALL CATCHER'S BODY PROTECTORS

No. 23P—

A first class body protector, made of good material, very serviceable and strong (not inflated).

Price \$5.00
Postage 35c

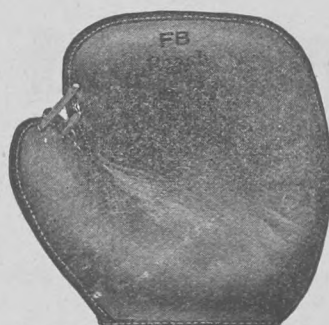


FIRST BASEMAN'S MITT

No. 4AB—

Brown Reaco Horse Hide. Hand-formed Hinge Pad. Leather bound and laced. Strap and Buckle for adjusting Thumb. Welted Seams.

Glove Thumbed Model \$8.00
Postage 15c



FIRST BASEMAN'S MITT

No. FB—

Brown Tan Mitten Leather Face and Back. Khaki lining. Bound edge. Strap and button at wrist. Men's size. Well padded.

Each \$1.50
Postage 8c

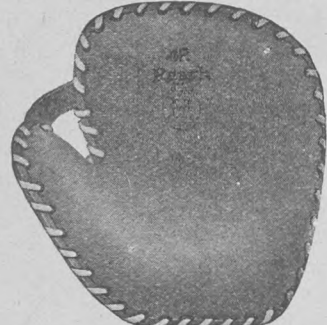


BASEMAN'S MITT

No. XR—

Brown mitten both face and back. Leather lined, laced at thumb, strap and buckle fastening at wrist.

Price \$2.50
Postage 8c



FIRST BASEMAN'S MITT

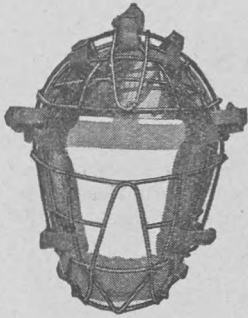
No. 4R—

Cream Horse Hide Leather. Double stitched. Laced around entire edge. Hand-formed Pad. Adjusting Strap at Thumb.

League Model \$4.00
Postage 15c

RIGHT HAND MITTS AND GLOVES ARE ALSO CARRIED IN STOCK.

Catchers' Masks



No. 30S—Reach Special. Open vision, made of tempered steel wire sunshade, leather frame. Transparent pads stuffed with hair, buckled to frame.

Price, each \$5.00
Postage 15c

No. XX — Amateur Model, leather pads. Good strong frame.

Price, each \$3.00

Postage 20c



MOYER'S OFFICIAL VOLLEY BALL—British Made

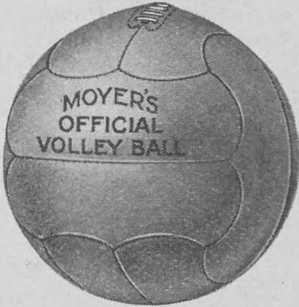
Super Quality, Pebble Grained Cowhide, Hand Sewn, unlined. Guaranteed Official Weight and Size.

Price, complete with Red Rubber Bladder and Lace \$6.50

MOYER'S SPECIAL VOLLEY BALL—British Made

Good Quality, Chrome Cowhide. Regulation Size and very suitable for Rural Schools.

Price, complete with Red Rubber Bladder and Lace \$4.50

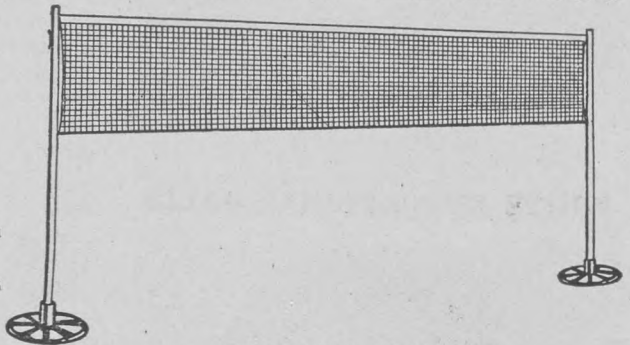


VOLLEY BALL NETS

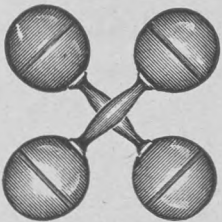
Cotton Cord Net

12 Thread. Rope Bound. Length 27 feet.

Price \$4.45



WOODEN DUMB BELLS



Made of clear selected maple, in the new oval shape with plain surface. Lathe turned and finished in natural varnish color.

½ lb.	per pr.	\$1.15
¾ lb.	per pr.	1.25
1 lb.	per pr.	1.35
1½ lb.	per pr.	1.60
2 lb.	per pr.	1.75

Weights specified are for each Dumb Bell.

Special prices for large quantities.

Write for quotations.

IRON DUMB BELLS

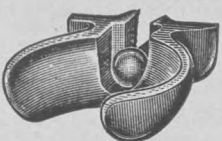


The improved model with oval grip, smoothly finished and japanned.

1-lb.	Per Pair	.... \$0.50
2-lb.	Per Pair	.... .75
3-lb.	Per Pair	.... 1.25
4-lb.	Per Pair	.... 1.65
5-lb.	Per Pair	.... 2.00

Weights Specified are for each Dumb Bell.

HANGERS FOR DUMB BELLS AND INDIAN CLUBS



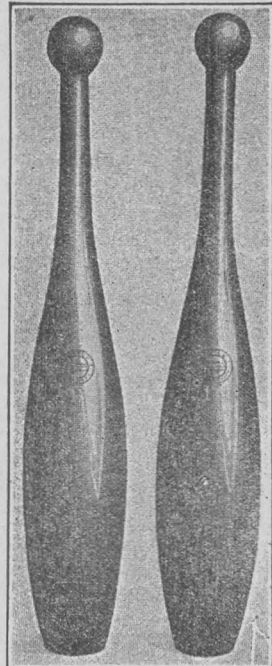
No. 1—For Indian Clubs. With Screw for fastening to wall, nicely japanned.

Per pair 30c

No. 2—For Dumb Bells.

Per pair 30c

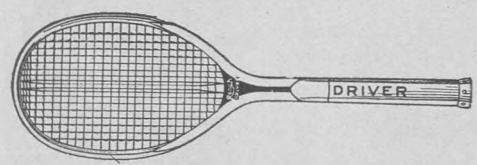
INDIAN CLUBS



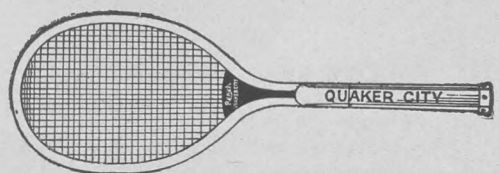
Made of clear Maple, finished in natural varnish color.

½ lb.	per pr.	\$1.15	1½ lb.	per pr.	1.60
¾ lb.	per pr.	1.25	2 lb.	per pr.	1.75
1 lb.	per pr.	1.35			

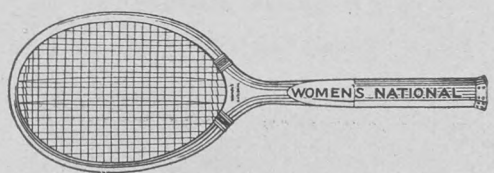
Reach Tennis Rackets



"DRIVER"—Arched throat, mahogany color, flat chamfered frame, full sized bow. Stringing good quality gut. Price \$3.50



"QUAKER CITY"—Arched throat, mahogany wedge, flat chamfered frame. Handle 5 in. circumference. Strung with good quality gut. Price \$4.50



"VARSITY"—Beveled frame, broad face. Natural finish. Inlaid throat. Wrapped on shoulder with blue cord. Strung with high grade gut. Each \$7.00

WHITE EDUCATIONAL BALLS



The original Educational Ball, with Figures, Animals, and Letters moulded in. Splendid for Schools, Playgrounds and Homes.

Price, each \$1.25

BOOKS

- Handbook on Tennis. Fully illustrated, very complete 35c
- Official Soccer Football Guide. Per copy 40c
- Official Basketball Rules, Men. Per copy 35c
- Official Basketball Rules, Women. Per Copy 35c
- Indoor Baseball Guide. Per copy 35c
- Volley Ball Guide. Per Copy 20c

TENNIS BALLS

Reach Cemented Seam Ball. Endorsed by C.L.T.A.

Each \$0.50
Dozen 5.50

THE "COURT SPECIAL" A Championship Shoe



Has features which make it the Canadian athletic footwear par excellence. It is light, speedy, resilient, lending wings to the player and at the same time built to last. It is used by the leading players in Badminton, Tennis and Bowling.

- The "Court Special" Oxford—
 - For Men \$3.25
 - For Women 3.10
- The "Court Special" Bal (Boot)—
 - For Men \$3.50
 - For Women 3.35

ALL OF OUR ATHLETIC GOODS ARE ENDORSED BY LEADING ATHLETIC ASSOCIATIONS.

BADMINTON SUPPLIES

TOURNAMENT



Tournament

No. 37—A good, durable racket, recommended for beginners. Has a nicely shaped English rent ash frame with walnut throat bound at the shoulders. The stringing is of good quality lamb's gut, with double centre mains. Standard size cedar grip. A dependable racket at a moderate price. Each \$6.00

SLAZENGER'S X.L.

No. 35—A well-made racket with English rent ash frame; strung with red and white lamb's gut. Has medium size cedar handle, and is nicely balanced. Each \$5.00

SLAZENGER'S ARMY

No. 38—A low-priced racket that will give good service. This racket is strung with good quality gut, medium size handle, nicely balanced. Each \$3.50

No. 1S — Super quality English white gut as used in highest grade rackets.

No. 2S — Good quality American lamb's gut. Suitable for medium-priced rackets \$3.00

BADMINTON RACKETS REPAIRED

We can replace any number of strings in rackets; but if more than ten are broken we recommend re-stringing. The cost of re-stringing. The cost of re-stringing. The cost of re-stringing.

pairs can be figured on the following basis:
First Down or Cross String 25c
Additional Strings Each, 10c

BADMINTON NETS

Made to conform with the laws of the Canadian Badminton Association.

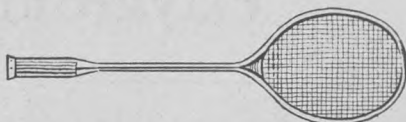
No. 22—Good quality fine twine nets, ¾-inch mesh, bound on top and fitted with strong cord run through band. Size 22x2½ ft. Each \$2.50

No. 20H—Same quality as No. 22 but size 20 x 2½ feet. Each \$2.00

No. 32H—Special Club Net. Superior quality medium weight club net, ¾-inch mesh, tanned cord. Bound on top and sides. Fitted with strong headline and four grommets on each side for tying to posts. Size 20 x 2½ feet. Each \$3.50

BADMINTON MARKING TAPES

No. 2—Consists of extra heavy pieces of 1½-inch webbing accurately measured and cut to proper length and grommetted. They are fastened to the ground with pins and staples. Light compact, and are easily set. Adapted for either clay, cinder or grass courts. Double or single court size, complete with necessary amount of pins, staples and instructions for laying out. Per set \$6.50



Challenge Sheffield Badminton Rackets—Selected quality, with best Rent Ash Hoops. During the last 12 seasons 80% of Championship and Open Events have been won with a Sheffield Racket, including 50 All England Championships. Price \$6.00

BADMINTON PRESSES

THE STADIUM

No. 20P—New model press with improved Webber patent, nickel plated hinged screw fittings that simplifies handling. Selected white wood frame, nicely finished. Each \$1.25

THE DEMON

No. 10P—Made of selected wood in the popular square shape, fitted with speed screws, springs and drop corner fitting.

this press grips the racket securely and prevents warping. Each \$1.00

THE TRIANGLE

No. 1A—Triangle shape press. Made of hardwood, nicely finished. Each 75c

OFFICIAL SHUTTLECOCKS

No. 50—The F. H. Ayres Official English Association Shuttlecock, adopted as the Official Shuttlecock by the Canadian Badminton Association, superior quality throughout white kid bottom. 16 feathers. Ea. 50c

No. 100 — Bussey's Official Shuttlecocks. Uniform in size, weight and pace, white kid bottom. Each 45c

OUTDOOR SHUTTLECOCKS

No. 90—Association size, 16 feathers with rubber base. Each 50c

BADMINTON HEAD COVERS

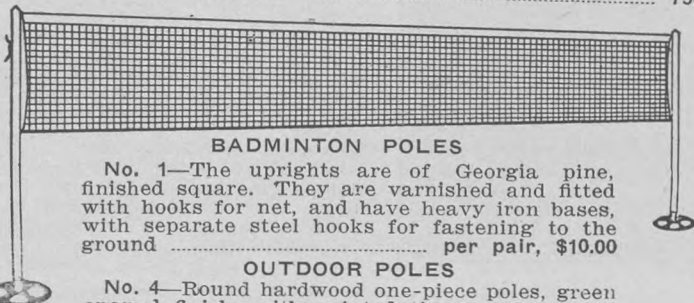
They are airtight and waterproof, and just cover the head of the racket.

No. 75—Made of single texture waterproof cloth, rubber outside sewn seams and taped. Each 50c

No. OCB—Oiled silk head cover, transparent. Each 75c



No. 50



BADMINTON POLES

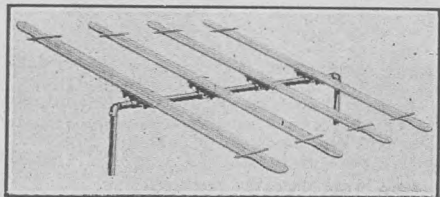
No. 1—The uprights are of Georgia pine, finished square. They are varnished and fitted with hooks for net, and have heavy iron bases, with separate steel hooks for fastening to the ground per pair, \$10.00

OUTDOOR POLES

No. 4—Round hardwood one-piece poles, green enamel finish, with pointed tip, complete with guy ropes and pegs. For outdoor use only. Per pair \$4.50

Playground Apparatus

MADE IN CANADA



Boards are attached to the frame by grooved iron castings, which permit of quick adjustment for two children of different weights, but chains below the board prevent unauthorized removal from the frame. Pipe collars placed on each side of the fulcrum prevent shifting of the boards. Then entire outfit is finished with two coats of waterproof grey paint

25M COMPLETE OUTFIT CONSISTS OF

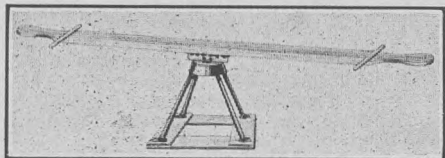
Four No. 55 See-Saw Boards with fulcrums.
PIPE—1 piece 3 ins. x 14 ft.; 2 pieces 3 in. x 5 ft.
FITTINGS—2 No. 154 Fittings; 2 No. 41 Base Flanges.

Ground Space Required, 15 x 12 feet; Height of Frame, 3 feet.

No. 25M—4 Board See-Saw, complete with pipe. Special..... \$98.00

SINGLE PORTABLE SEE-SAW No. 20M

WOODEN PLAYGROUND SWINGS



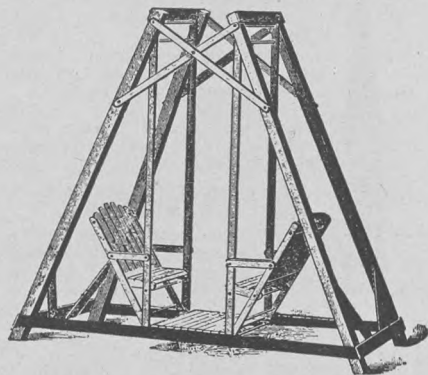
No. 20M—Single See-Saw, with wooden base

This Portable See-Saw is designed for use in playgrounds, school yards, parks, private lawns or playrooms. It is substantial, exceedingly strong, and stands firm without anchoring. The board is same as supplied with our No. 25 outfit; 12 feet long, 12 ins. wide and 1 1/4 in. thick, and has notched iron fittings, which rest on the steel pivot axle, permitting adjustment of the board to different weights; but unauthorized removal is impossible.

The four legs of steel pipe are locked securely into the head casting by a compression fitting and are fitted with foot flanges. These permit the See-Saw being used indoors or on hard ground without the wooden base, which is made of Georgia pine forming a square 2x2 feet.

All parts finished with two coats of waterproof grey paint.

No. 20M—Single Portable See-Saw, complete. Special..... \$34.00



No. 170M—Playground Swing.

No. 170M—Wooden Playground Twin Swings, complete, beautifully finished.
Special..... \$53.00

No. 11M—School Playground Outfit, consisting of 2 Swings, 1 Horizontal Bar, 2 See-Saws. Complete with all fittings.
Special..... \$224.00

No. 7M—Revolving Platform or Merry-Go-Round, complete. Special..... \$345.00

GIANT STRIDE OR CIRCLE SWING

FOR BOYS AND GIRLS

The Giant Stride has proven one of the most popular pieces of apparatus that can be installed. It is usually the centre of attraction and worked to full capacity.

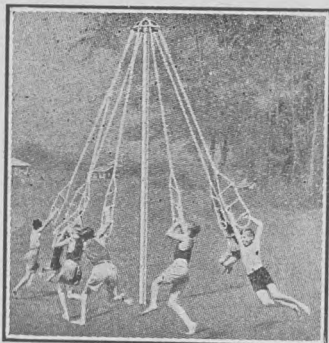
The upright support is made of 4-inch standard pipe, 18 ft. long, projecting 14 ft. above ground, after being embedded in concrete to a depth of four feet.

The head piece is made of malleable iron, with rings to hold eight ladders. It is, however, listed with four ladders and if ordered this way, the additional four ladders can be added when desired. It revolves on a set of hardened steel balls and roller bearings which provide a frictionless bearing.

Ladders of strong steel chain, with three metal rungs, which we recommend for outdoor use, are supplied, but we will, when desired, furnish rope ladders with hardwood rungs. The outfit includes a base Flange No. 42. All parts are finished with two coats of waterproof grey paint.

No. 700M—Giant Slide with 4 ladders, complete with pipe, nicely painted. Special..... \$64.00

No. 900M—Giant Slide with 8 ladders, complete with pipe, nicely painted. Special..... 78.00



No. 900M

WE CAN SUPPLY YOUR NEED IN ANY KIND OF PLAYGROUND EQUIPMENT

Playground Apparatus

MADE IN CANADA

PORTABLE PLAYGROUND SLIDES

The Slide provides plenty of speed and fun for children of all ages.

The Slide is the delight of childhood days. It will keep more children busy per square foot occupied, and per dollar cast than any other piece of apparatus. The Slides on this page are all portable; can be located anywhere, and the Slide may be detached and put under cover, when not in use.

The Chute is made of hard maple, highly polished, and is built to withstand the hard use to which they are subjected. Our Slides are equipped with broad tread, wood stairways, having discarded the metal tread and rung, years ago, as unsuitable. The metal guard rail extends nearly the full length of the stairway. All parts, with exception of Sliding board are painted with two coats of waterproof grey paint.

Our No. 112M slide can be used indoor or out and is specially recommended for private use.

No. 112M—Slide, 12 feet long and 6 feet high.

No. 116M—Slide, 16 feet long and 8 feet high.

No. 112M—12 ft. Portable Playground Slide.

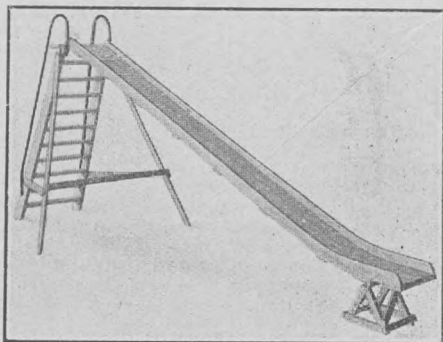
Special \$ 65.00

No. 116M—16 ft. Portable Playground Slide.

Special 88.00

No. 216M—16 ft. Wave or Coaster Slide.

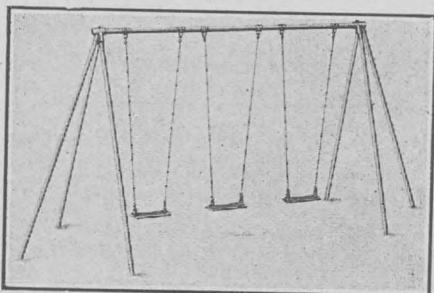
Special 105.00



No. 116M

THREE-SWING PLAYGROUND

OUTFIT No. 300



These Swings are built similar in style to the ordinary garden or lawn swing, but are constructed of extra heavy material and designed to withstand the hard use to which they are subject in a playground. It will seat three children comfortably, but will carry all the children that can be loaded on the platform.

The Swing and Frame is made of clear, selected hardwood, reinforced on all parts where strength is required. Has extra heavy slat seats and high back, placed at a comfortable angle. The Frame when bolted together is firm and rigid. It is undoubtedly the strongest wooden swing made, and can be recommended for use in playgrounds, school yards, children's institutions, etc. Finished with two coats of green paint.

Ground Space Required 27x12 Feet.

Height of Frame 12 Feet

No. 300M OUTFIT CONSISTS OF

3 No. 50 Swings, complete with roller bearing Clamps for suspending from Frame.

2 No. 249 Fittings.

6 No. 40 Base Flanges.

1 Piece Pipe 3 in. x 15 ft.

6 Pieces Pipe 2 in. x 16 ft.

No. 100M—Single Swing Outfit, complete with painted pipe. Special \$ 63.00

No. 300M—3 Swing Outfit, complete with painted pipe. Special\$122.00

No. 600M—6 Swing Outfit, complete with painted pipe. Special\$195.00



MERRY WHIRL—

PORTABLE

SEE-SAW

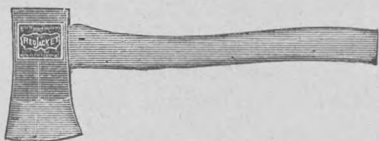
No. 26M—Merry Whirl See-Saw, complete with stand.

This piece of apparatus is strong and well made, the "board" is made with two sides, with shaped seats attached. In addition to the See-Saw motion it can be used as a whirl, giving the children a "Sea-Wave" motion. The board is 10 feet long, supported by strong wooden legs and finished with two coats of grey paint.

No. 26M—Merry Whirl, Portable See-Saw.

Special \$13.75

RED JACKET BOY SCOUT AXE



There is only one kind of axe that is of any value, from the Scout's viewpoint, and that is a light hand axe of Canadian "Wedge-Shaped" pattern with a "dog-leg" handle. Light in weight and a shaft about 12 in. long. Our Red Jacket axe meets all these requirements and is easy to carry. Any sort of axe work required by Scouts is readily accomplished with it.

Price 75c

COMBINATION BOY SCOUT WHISTLE AND COMPASS

Nickel plated, splendid value. Each 75c

WE CAN SUPPLY YOUR NEEDS IN ANY KIND OF PLAYGROUND EQUIPMENT

LABORATORY LIST FOR GENERAL SCIENCE FOR MANITOBA SCHOOLS

For Illustrations and Particulars see
W. M. Welch Mfg. Company's Catalog "G"

This Catalogue Mailed Free on Request

LIST ONE

Apparatus for General Science II.

Quan. Cat. Recom. No.	Description	
1	153 Meter Stick	\$0.45
1	29 Calipers (combination inside and out), 6 in. ....	.50
4	745 Lever Clamps, for meter stick	1.40
4	756 Single Pulleys	1.80
2	758 Double Pulleys	1.15
2	760 Triple Pulleys	1.80
1	1102 Lift Pump Model	2.25
1	5260 Graduate Cylinder, capacity, 100 cc.	1.05
1	5260 Graduate Cylinder, capacity, 250 cc.	1.50
1	1136 Specific Gravity Bottle, 100 cc.	1.85
1	1126 Hydrometer, for light liquids .....	.70
1	1128 Hydrometer, for heavy liquids .....	.70
2	1204 Barometer Tubes	1.30
1	1200 Meter, Barometer Tubing to connect with barometer ..	.40
1	5512 Ft. Heavy Rubber Tubing to join with barometer tube to one piece of glass tubing, dia. 3/16 inside .....	.13
1	1460 Bell Jar, with stopper, (2 litre)	2.65
1	1689 Calorimeter	3.25
1	1661 Ball and Ring, to illustrate expansion	1.50
1	1653 Conductometer, (six different substances extending from a Brass Cone with handle)	1.75
1	1727 Convection Apparatus, box and 2 chimneys	2.25
1	4041 Harvard Trip Balances	12.00
3	4080 Spring Balances (Eng. & Metric), 64 oz.	2.85
1	4156 Set Metric Weights, 1-500 grams	6.50
1	4194 Set Universal Weights, arranged so that they may be hooked together, 10-1000 grams	3.75
2	4521 Nests of Beakers, 6 in nest, No. 00-4	2.24
12	5620 Test Tubes, 5x½ in. ....	.30
12	5620 Test Tubes, 6x¾ in. ....	.35
6	5620 Test Tubes, 8 x 1 in. ....	.30
3	4681A Test Tube Brushes, to fit test tubes .....	.36
1	1146 Overflow Can .....	.60
1	1148 Displacement Vessel .....	.85
1	4717 Burette, 100 cc.	2.85
2	4900 Burette Clamps	1.10
2	4911 Clamps for Rubber Tubing ..	.50
6	4990 Deflagrating Spoons .....	.84
3	5002 Porcelain Evaporating Dishes, No. 0 .....	.60
6	5100P Florence Flasks, Flat, 100 cc.	1.08
3	5100P Florence Flasks, Flat, 200 cc. ....	.66
3	5100P Florence Flasks, Flat, 500 cc. ....	.90
4	5143 Glass Funnel, 3 in.	1.36
3	5205 Pieces of Wire Gauze, 4x4 ..	.15
1	5241P Piece of Hard Glass Tubing, inside 12 mm., 36 in. long, cut in four .....	.35
6	5150 Thistle Tubes .....	.90

Quan. Cat. Recom. No.

Description

1	5235	Lb. Glass Tubing, dia. 5 mm. ....	.70
2	5330	Alcohol Lamps, 4 oz.	1.10
2	5435	Pipettes, 10 cc. ....	.56
8	5505	Rubber Stoppers, No. 2, 2 solid, 4 1-hole, 2 2-hole .....	.24
8	5505	Rubber Stoppers, No. 3, 2 solid, 4 1-hole, 2 2-hole .....	.28
8	5505	Rubber Stoppers, No. 4, 2 solid, 4 1-hole, 2 2-hole .....	.36
3	5510	Ft. Rubber Tubing, 3/16-in. to fit glass tubing .....	.24
2	5572	Ring S and Supports, (Med.) 3 rings, 3-in., 4-in., 5-in.	2.70
1	5680	Chemical Thermometer, double scale, 12 in.	2.00
2	5700	Pr. Crucible Tongs .....	.60
6	5750	Watch Glasses, diam. 2-in. ....	.33
1	91	Triangular File, 4 in. ....	.15
1	4790	Calcium Chloride Tube, 6 in., (straight with one bulb) ..	.14
1	5505	Rubber Stopper, 1 hole, No. 1 .....	.03

LIST TWO

Supplementary List of Apparatus for General Science II.

1	180	Model Vernier	2.50
1	44	Vernier Caliper	2.50
1	1092	Solid and Hollow Cylinder for Archimedes Prin.	2.00
1	5260	Graduate Cylinder (500 cc.) ..	2.00
1	139	Litre Measure .....	.75
1		Pint Measure like No. 148 ..	.22
1	1286	Hygrometer	19.00
1	1274	Thermometers, Max. and Min.	6.00
1	1208	Barometer Tube with bend and bulb .....	.80
1	1400A	Air Pump	65.00
1	1514	Weight of Air Globe	3.75
1	1508	Magdeburg Hemisphere	4.50
1	1655	Conductometer (Tank with 6 apertures)	4.75
1	4025	Chemical Balance	30.00
1	4940	Liebig Condenser, 15 in.	1.50
1	5407	Mortar and Pestle, No. 2 .....	.55
1	5730	Pneumatic Trough, glass	1.65
1	5734	Bee Hive for Pneumatic Trough .....	.60

LIST THREE

Supplies for General Science II.

1	5050	Pkg. Filter Paper, 10 cm. ....	.40
1	5419	Book Blue Litmus Paper .....	.06
1	5422	Book Red Litmus Paper .....	.06
4	5880	Oz. Aluminum Wire, No. 14 ..	.30
4	5886	Oz. Copper Wire, No. 16 .....	.22
1	5917	Sq. Ft. Copper Foil .....	.20
1		Lb. Copper Turnings .....	.40
8		Oz. Caustic Potash Sticks .....	.54
1		Oz. Magnesium Ribbon .....	.50
8		Oz. Potassium Chlorate .....	.25
1		Lb. Mercury	2.00
1		Lb. Marble or Limestone .....	.15
4		Oz. Mercuric Oxide	1.20
1		Lb. Zinc Gran. mossy .....	.30
9		Lb. Sulphuric Acid	1.10
6		Lb. Hydrochloric Acid	1.10
8		Oz. Calcium Chloride, (desiccated) .....	.35
8		Oz. Copper Sulphate .....	.15
8		Oz. Ferric Chloride .....	.35

Quan. Cat. Recom. No.	Description	
1	Lb. Manganese Dioxide .....	.20
1	Lb. Potassium Perman- ganate .....	.50
4	Oz. Tin Foil, pure .....	.35
1	1711 Lb. Copper Shot for speci- fic heat .....	.60
1	1715 Lb. Aluminum Shot .....	.75

LIST SIX

General Science No. I.

1	8014A Compound Microscope	27.00
1	629S Pocket Microscope, 1¼-in. Single Lens .....	.75
1	629D Pocket Microscope, 1¼-in. Double Lens	1.35
1	8340 Aquarium	10.00
30	9106 Seed Vials	1.35
1	9107 Vial Tray, 30 bottle size, No. 1 .....	.50
1	8348 Specimen Mounts, 5x6 Riker .....	.35
1	8348 Specimen Mounts, 6½x8½ Riker .....	.40
1	8545 Seed Germinating Testers	21.60
1	M114 Skeleton, Cat	21.60
1	Mounted Specimens—Speci- fy Kind Wanted.	

MINIMUM LIST OF APPARATUS AND
SUPPLIES FOR GRADE XI. SCIENCE

8 oz.	Strips of Sheet Zinc	\$0.30
8 oz.	Copper Turnings .....	.25
1 oz.	Sodium .....	.40
1 oz.	Potassium	1.50
1 bx.	5875 Wax Tapers .....	.25
12	3591 Candles .....	.25
2 lbs.	Iron Sulphide .....	.40
1 lb.	Charcoal, wood lumps .....	.15
1 pkg.	5896 Picture Wire, No. 1 .....	.15
2	5422 Books Red Litmus .....	.12
2	5419 Books Blue Litmus .....	.12
1 lb.	Iron Filings .....	.15
9 lbs.	Sulphuric Acid, CP	1.80
6 lbs.	Hydrochloric Acid, CP	1.80
7 lbs.	Nitric Acid, CP	2.20
1 lb.	Acetic Acid, 36% .....	.40
1 oz.	Oxalic Acid .....	.15
1 oz.	Tartaric Acid .....	.20
1 oz.	Citric Acid .....	.20
4 lbs.	Ammonium Hydroxide, CP	1.75
4 oz.	Potassium Hydroxide Sticks, USP .....	.30
1 lb.	Sodium Hydroxide Sticks, pure .....	.80
5 lbs.	Lime .....	.75
1 oz.	Barium Dioxide .....	.15
4 oz.	Copper Oxide, powd. .....	.50
1 lb.	Copper Sulphate .....	.25
1 lb.	Potassium Chlorate .....	.35
4 oz.	Potassium Carbonate .....	.15
2 oz.	Potassium Iodide	1.00
8 oz.	Potassium Bichromate .....	.20
1 oz.	Potassium Permanganate .....	.15
4 oz.	Lead Nitrate .....	.15
8 oz.	Lead Acetate .....	.35
1 lb.	Lead Oxide Litharge .....	.25
4 oz.	Lead Oxide Red .....	.15
8 oz.	Potassium Nitrite .....	.30
1 oz.	Potassium Nitrate .....	.30
4 oz.	Potassium Ferrocyanide .....	.35
1 lb.	Ammonium Nitrate .....	.40
1 lb.	Ammonium Sulphate .....	.30
1 lb.	Ammonium Chloride .....	.40
1 lb.	Baking Soda .....	.15
1 oz.	Red Oxide of Mercury .....	.40
1 oz.	Mercuric Chloride .....	.30
1 lb.	Dessicated Calcium Chloride .....	.50
1 lb.	Manganese Dioxide .....	.25
1 oz.	Silver Nitrate	1.10
5 lbs.	Marble Chips or Limestone .....	.40
1 oz.	Ferrie Chloride .....	.15
1 lb.	Calcium Carbide .....	.25
1 oz.	Antimony .....	.15
1 lb.	Roll Sulphur .....	.15

Quan. Cat. Recom. No.	Description	
1 lb.	Flowers of Sulphur .....	.15
1 lb.	Carbon Bisulphide .....	.40
1 lb.	Salt—Sodium Chloride .....	.15
1 oz.	White Arsenic .....	.20
1 lb.	Starch, corn .....	.15
1 oz.	Logwood, ground .....	.15
1 oz.	Indigo .....	.25
8 oz.	Glycerine .....	.35
8 oz.	Chloroform .....	.60
4 oz.	Sulphuric Ether .....	.30
8 oz.	Olive Oil .....	.50
1 lb.	Linseed Oil .....	.50
1 lb.	Turpentine .....	.35
1 oz.	Phosphorous, yellow .....	.25
1 oz.	Iodine .....	.70
1 qt.	Wood Alcohol for lamps .....	.50

APPARATUS

NOTE:—Articles marked with an asterisk will be found useful but are not absolutely necessary.

1	153	Meter Stick .....	.35
1		Yard Measure, use No. 153	
1	45	Vernier Caliper	2.50
*1	41	Micrometer Caliper	5.75
*1	129	Dissectable litre block	4.25
*1	135	Set of Litre Measures, 1 litre to 1 cu. cm., 7 pieces	2.00
1	4041	Balance, Harvard trip	12.00
1	5260	Cylindrical Graduate, 250 cc.	1.50
1	5260	Cylindrical Graduate, 500 cc.	2.00
1	5435	Volumetric Pipette, 10 cc., graduated .....	.28
1	1136	Specific Gravity Bottle, 100 cc.	1.85
1	4158	Set Weights, 1 gram to 1000 grms.	9.00
3	4082	Spring Balances to read in both English and Metric	3.50
*1	739	Composition of Force Board Parallelogram Rule	4.25
*1	863	Leaning Tower	2.00
1	877	Second Law of Motion Ap- paratus	4.50
1	748	Moment of Force Appara- tus to illustrate the laws of the lever	5.00
4	756	Single Pulleys, \$1.40 plus duty of 53c	1.93
2	758	Double Pulleys, 90c plus duty of 34c	1.24
*2	760	Triple Pulleys, \$1.30 plus duty of 49c	1.79
1	813	Inclined Plane	2.25
1	751	Wheel and Axle	3.00
1	799	Model Jack Screw	1.50
*1	797	Gearred Wheels	8.00
1	1014	Pressure Syringe	2.00
*1	1046	Hydraulic Press, glass model	2.25
1	1023	Pascal Vases, Apparatus	16.50
1 set	1000	Equilibrium Tubes	1.10
1	1092	Bucket and Cylinder for Archimedes prin.	1.65
1	1126	Hydrometer for light liquids .....	.70
1	1128	Hydrometer for heavy liquids .....	.70
1	1420	Air Pump	30.00
1	1514	Globe for weighing air	3.75
1 lb.	5843	Mercury	2.00
1	1204	Barometer Tube .....	.65
1	1508	Magdeburg Hemisphere	4.50
1	1078	Boyles Law Tube	5.00
*1	1520	Baroscope	9.75
1	1468	Bell Jar, receiver for air pump	4.50
1	1102	Lift Pump, glass model	1.65
1	104	Force Pump, glass model	1.75
1	1510	Bell in Vacuo, improved form	4.50
1	945	Acoustic and Color disc	3.00
1	907	Rotator	9.50
1	3350	Sonometer	8.25
1	5894	Spool Wire for sonometer, No. 0 .....	.15

Quan.	Cat.	Description		Quan.	Cat.	Description	
Recom.	No.			Recom.	No.		
1 pr.	3246	Sympathetic Forks	17.50	*1	2634	Telephone Transmitter	2.50
1	3229	Set of Tuning Forks, C E G C	6.50	3	2238	Dry Cells	1.50
*1	1725	Fire Syringe with tinder....	5.50	1	2380	Small Induction Coil	8.00
1	1651	Ball and Ring	1.50	APPARATUS FOR CHEMISTRY GRADE XI.			
1	1657	Pyrometer to show linear expansion	8.00	NOTE—The number of articles will de- pend largely on the number of students in the class.			
1	1663	Compound Bar to show un- equal expansion .....	.75	4	4519	Nests of Beakers, 4 in. nest, 0-3	2.88
1	5680	Chemical Thermometer, Cent. and Fah., 12 inch	2.00	1	4560	Blow Pipe, 8 in. ....	.30
*1	1270	Maximum Reg. Thermo- meter	7.50	2	4633	Woulff Bottles, 2 neck, ½ pint size	2.80
*1	1272	Minimum Reg. Thermo- meter	7.50	4	5505	Rubber Stoppers with 1 hole to fit No. 4633 Woulff Bot- tles, ½ pt. size .....	.10
1	1671	Max. Density of Water Ap- paratus	6.50	1 set	4660	Reagent Bottles, set of 12	4.50
1	1689	Calorimeter, double walled	3.25	6	4682	Test Tube Brushes .....	.30
1 lb.	1709	Lead Shot .....	.30	1	4688	Brush for Burette .....	.20
1 lb.	1711	Copper Shot .....	.60	2	4712	Burettes, graduated in 1/10 c. divisions	2.00
1 lb.	1713	Glass Beads	2.00	3	4790	Calcium Chloride Tubes, 6 in. ....	.54
1 lb.	1715	Aluminum Shot .....	.75	2	4900	Burette Clamps to attach to retort stand .....	.80
1 lb.	1717	Steel Shot for specific heat experiments .....	.25	2	4905	Condenser Clamps	1.00
1	1629	Glass Trap for collecting condensed steam to find latent heat of vaporization .....	.35	2	4908	Clamp Holders .....	.60
*1	1723	Dew Point Apparatus	1.00	3	4911	Compression Clamps for rubber tubing .....	.75
*1	1280	Wet and Dry Bulb Hygro- meter	5.00	3	4927	Combustion Tubes .....	.75
1	4940	Condensing Tube for distil- ling apparatus Liebig's con- denser 15 in.	1.65	6	5002	Porcelain Evaporating Dishes, 3 in. diam. No. 0	1.20
*1	1667	Cryophorus	2.00	6	4991	Deflagrating Spoons .....	.66
1	1775	Steam Engine, model to show working parts	6.00	1	5036	Bunsen Eudiometer for Syn- thesis of water, 50 cc.	4.25
1	1651	Conductometer .....	.75	This is of no use unless the Laboratory is supplied with an induction coil.			
*1	1731	Davy Safety Lamp	4.50	6	5100	Florence Flasks Cap, 6 oz.	1.08
*1	1727	Convection Apparatus Box with two chimneys	2.25	6	5100	Florence Flasks Cap, 8 oz.	1.20
*1	3531	Rumford's Photometer	10.00	12	5505	Rubber Stoppers with one hole to fit No. 5100 Florence Flasks 6 oz. ....	.42
1	3600	Optical Bench Students Form, metric stick supports and attachments	1.00	6	5140	Glass Funnels, diam. 3½-in. ....	.54
1	3512	Small Plane Mirror, plate glass .....	.75	6	5150	Thistle Tubes .....	.90
1 set	3440	Demonstration Set of Lenses	1.75	6	5205	Squares of Wire Gauze, 5x5 in. ....	.60
*1	3675	Optical Disc with regular attachments	22.50	12	5218	Squares of Glass to cover bottles 4x4 in. ....	.72
2	3466	Equilateral Triangular Prisms	1.50	30 ft.	5235	Glass Tubing, diam. 5 mm. ....	.70
1	1801	Piece of Lodestone .....	.25	5 ft.	5235	Glass Tubing, diam. 7 mm. ....	.15
1 pr.	1813	Bar Magnets in box with keepers .....	.90	9 ft.	5510	Rubber Tubing to fit the 5 mm. glass tubing 3/16 in- side diam. ....	.72
1	1823	Horse Shoe Magnet .....	.30	6	5330	Alcohol Lamps, 4 oz.	3.30
1	1803	Bar of Soft Iron .....	.25	3	5407	Mortars with pestles, diam. 100 mm.	1.65
1	1869	Magnetic Needle .....	.65	6	5435	Pipettes, 10 cc. capacity	1.68
1	1881	Small Compass Needle, 25 mm. ....	.25	1	5436	Pipette, 10 cc. cap. grad- uated into 1/10 cc. ....	.50
*1	1875	Dipping Needle	3.50	1 in.	5469A	Platinum Wire, No. 28 .....	.55
1 pkg.	1845	Iron Filings, 4 oz. ....	.15	4 oz.	5888	Copper Wire, No. 22 .....	.28
1	2206	Zinc Plates for voltaic cell .....	.05	4 oz.	5898	Iron Wire, No. 20 .....	.10
1	2210	Copper Plate, for voltaic cell .....	.06	4 oz.	5880	Aluminum Wire, No. 22 .....	.70
1	2675	Galvanometer, simple form	1.75	1 oz.	5840	Magnesium Ribbon .....	.50
1 lb.	5882	Spool of Bell Wire No. 18 .....	.70	3	5491	Glass Retorts, cap. 8 oz.	4.95
1	2264	Samson Battery No. 2	3.50	1	5547	Sodium Spoon .....	.60
*1	2254	Gravity Cell	1.50	6	5572	Retort Stands, each with 3 rings, 3 in., 4 in., 5 in.	8.10
*1	2258	Bichromate Cell	3.75	1	5588	Funnel Holder to attach to support .....	.90
1	2364	Electrolysis of water appa- ratus improved form	5.00	2	5600	Test Tube Racks, each for 6 1 in. tubes	1.20
1	1855	Electro Magnet, horse shoe type	2.75	48	5620	Test Tubes, 6x¾ in.	1.40
1	2450	St. Louis Motor with per- manent Magnetic Field	5.00	2	5700	Crucible Tongs .....	.60
1	2452	Electromagnetic Field	1.25	1	5728	Pneumatic Trough	1.25
1	2453	Four-pole Armature	1.65	6	5750	Watch Glasses, 3 in. ....	.60
*1	2628	Telegraph Key and Soun- der	3.75	6	4918	Test Tube Holders .....	.90
1	2922	Electric Bell, demonstra- tion form .....	.75	1	1460	Small Bell Jar with stopper	2.65
*1	M3001	D'Arsonval Galvanometer	6.25				
1	2399	Primary and secondary Coil	4.00				
*1	2630	Telephone Receiver, demon. form	2.25				

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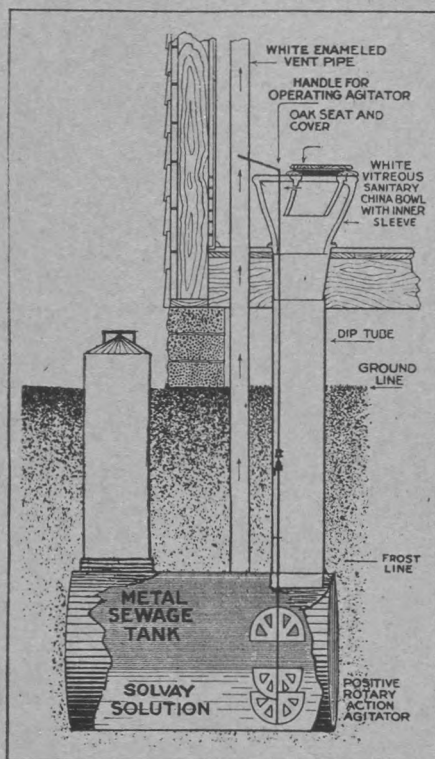
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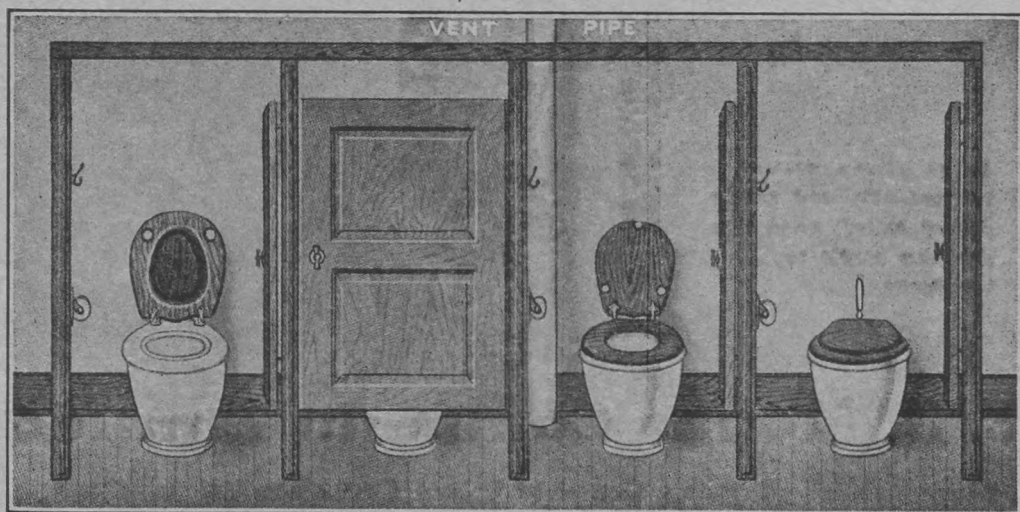
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